

Recipients of NPSS Awards

Merit Award

1972 - **William A. Higinbotham**, Brookhaven National Laboratory

In recognition of his professional leadership in nuclear science and instrumentation and the quality and excellence of his technical contributions.

1973 - **Richard F. Shea**, Consultant

In recognition of outstanding contributions to the field of nuclear science.

1974 - **George A. Morton**, (retired), RCA

For outstanding contributions towards the advancement of scintillation counting.

1975 - **Louis Costrell**, National Bureau of Standards

For outstanding contributions to the development and standardization of nuclear instruments.

1976 - **John P. Blewett**, Brookhaven National Laboratory

1977 - **John A. Martin**, Oak Ridge National Laboratory

For outstanding contributions to the field of particle accelerator science and in particular sector focussed cyclotrons.

1978 - **J. Leon Shohet**, University of Wisconsin

For outstanding and innovative contributions to plasma science and, in particular, stellarator research.

1983 - **Veljko Radeka**, Brookhaven National Laboratory

For contributions to the basic understanding of the effects of noise in nuclear electronics, and for the development of position sensitive detectors for applications including high energy physics.

1983 - **Fred S. Goulding**, Lawrence Berkeley Laboratory

For contributions to nuclear electronics, especially the development and applications of low-noise x-ray detectors, and for inspiration and leadership of a group that has contributed widely to nuclear radiation detection.

1984 - **Fred A. Kirsten**, Lawrence Berkeley Laboratory

For contributions in the fields of Nuclear Instrumentation and Data Acquisition Systems, for international leadership in developing and implementing instrumentation standards, and for dedicated service to the Nuclear and Plasma Sciences Society

1985 - **Robert Mills**, Princeton University

For thirty years pioneering leadership in fusion engineering and his lasting contributions of inspiring excellence in his colleagues and teaching the basis of this new field to leaders of the future.

1986 - **George C. Messenger**, Consultant

For contributions to the determination of radiation damage to semi-conductors and advances in semi-conductor technology.

1987 - **Noah Hershkowitz**, University of Wisconsin

For pioneering contributions to basic plasma science, plasma diagnostics and RF heating and stabilization of mirror-confined plasmas.

1988 - **Emilio Gatti**, Polytechnic Institute

For contributions to the theory and practice of nuclear particle detectors and signal processing methods.

1988 - **Victor A.J. VanLint**, Mission Research Corporation

For contributions to the understanding of radiation and electromagnetic effects on electronics relevant to military and space systems hardening.

1989 - **Edward Fairstein**, Consultant

For contributions to the technology of linear pulse amplification and to the measurement of ionizing radiation.

1990 - **Hans Fleischmann**, Cornell

For pioneering and extensive contributions to the generation, physics, and technology of field-reversing electronic and ion rings.

1990 - **Jorge Llacer**, Lawrence Berkeley Laboratory

For contributions to the development of semiconductor radiation detectors and to the understanding of statistically based image reconstruction algorithms in nuclear medical imaging.

1991 - **Magne Kristiansen**, Texas Tech University

For outstanding contributions to pulsed power technology and the development of programs of research, education, and information exchange.

1992 - **Stephen E. Derenzo**, Lawrence Berkeley Laboratory

For contributions to photon detector and emission tomography instrumentation, including discovery of new scintillators, high resolution PET, and dynamic PET. For outstanding innovations in and contributions to the technical and scientific communications.

1993 - **Akira Hirose**, University of Saskatchewan

For pioneering contributions to the understanding of linear waves, instabilities, and turbulent heating in plasmas and confinement studies of tokamaks.

1994 - **Ronald M. Sundelin**, CEBAF

For contributions to the scientific understanding and technological development of superconducting radio-frequency technology for GeV-scale application, including cavity and peripheral systems performance and production techniques.

1996 - **Glenn F. Knoll**, University of Michigan

For outstanding contributions to education in the field of radiation detection instrumentation.

1997 - **Andrew Ng**, University of British Columbia

For contributions to the understanding of strongly coupled plasmas through studies of high density shock states and femtosecond laser heated solids.

1998 - **John Conrad**, University of Wisconsin-Madison

For his invention and leadership in the development of plasma source ion implantation.

1999 - **Erik Heijne**, CERN

For vision and leadership in applying silicon technologies to the development of new and important detector systems for High Energy Physics.

2000 - **Marek Moszynski**, Soltan Insitute for Nuclear Studies

For outstanding contributions to the modern scintillation detector and its applications in physics experiments, medicine, and other fields of use.

Recipients of NPSS Awards

Merit Award (cont.)

2001 - **Stephen E. Holland**, Lawrence Berkeley National Laboratory

For pioneering work in the development of high-performance silicon detectors for medical imaging, astronomy, and high-energy physics and the development of new technologies for optical, X-ray, and gamma-ray instrumentation

2002 - **Jan S. Iwaczyk**, Photon Imaging, Inc.

For outstanding contributions to development of compound semiconductor detectors, silicon detectors, imaging systems, and their applications in physics experiments, medicine and other fields of use.

2003 - **Joseph R. Srour**, The Aerospace Corporation

For outstanding technical contributions to the field of radiation effects, and for leadership and service to the IEEE.

R.F. Shea Distinguished Member Award

1986 - **Richard F. Shea**, Consultant

For a lifetime of outstanding service to this Society as Editor-in-Chief, pioneer member and guiding hand.

1987 - **Louis Costrell**, National Bureau of Standards

For leadership and contributions towards the effectiveness of the IEEE Nuclear and Plasma Sciences Society in achieving its principal goals: 1) Advancement of the engineering science: 2) Maintenance of high scientific and technical standards among its members (and the whole of the Nuclear Science community): and 3) Organization of IEEE/NPSS-sponsored meetings for the presentation and discussion of advancements in the field.

1988 - **Lee J. Wagner**, Lawrence Berkeley Laboratory

For one who has long contributed to the Society, particularly to the financial integrity of the NPSS as treasurer and for untiring efforts on Nuclear Science Symposia and other activities over the years.

1989 - **John A. Martin**, Oak Ridge National Laboratory

For invaluable contributions to the IEEE NPSS, including leadership roles in the Particle Accelerator Conferences, in reorganization of the Society, and in many other areas.

1990 - **Julian Forster**, Quadrex

For contributions to the development of reactor instrumentation, and computer applications for nuclear power technology through many years (27) of leadership on technical committees, meetings/symposia, and standards development.

1991 - **Paul L. Phelps Jr.**, Lawrence Livermore National Laboratory

For contributions to the important programs of the IEEE NPSS including the Nuclear Science Symposium and the NPSS Short Course Program and for technical contributions to the measurement of radionuclides in the environment.

1992 - **J. Leon Shohet**, University of Wisconsin

For contributions, leadership and service in bringing the field of plasma science into the IEEE and in achieving the recognition of the importance of plasma-aided manufacturing in the economy.

1993 - **Igor Alexeff**, University of Tennessee

For contributions to NPSS, including his leadership role on the IEEE Plasma Science and Applications Committee and his service as first chairman of the IEEE Conference on Plasma Science.

1994 - **W. Kenneth Dawson**, TRIUMF and University of Alberta

For outstanding leadership to the Nuclear and Plasma Sciences Society and the IEEE as NPSS President and Editor-in-Chief and for contributions to its committees, conferences, publications and standards.

1994 - **John F. Osborn**, General Electric Company

For major contributions to the NPSS and its membership as Chief Editor of the NPSS Newsletter for 26 years, and its elevation to a most distinguished Institute publication.

1996 - **John Walter**, IntraSpec Inc.

For pioneering design and development of semiconductor detectors, for co-founding and contributing to the growth on an international nuclear instrument company, and for contributions to the leadership of NPSS.

1997 - **Harold L. Flescher**, Raytheon Corporation

For sustained leadership and service to the Nuclear and Plasma Sciences Society and to the world-wide radiation effects community.

1998 - **A. Bertrand Brill**, Vanderbilt University

For pioneering research in the field of nuclear medicine, and for outstanding service to the Nuclear and Plasma Sciences Society of the IEEE.

1999 - **Raymond S. Larsen**, SLAC

For many innovative and long-lasting contributions to the success of the IEEE Nuclear and Plasma Sciences Society and for sustained concern and action regarding the ethical issues facing the electrical engineering profession.

2000 - **Orhan Nalcioglu**, University of California, Irvine

For pioneering research in medical imaging and for outstanding service to the Nuclear and Plasma Sciences Society of the IEEE

2001 - **Vernon G. Price**, SLAC (Retired)

In recognition and appreciation of tireless leadership in membership recruitment and overall dedicated service to the IEEE Nuclear and Plasma Sciences Society.

2002 - **Peter N. Clout**, Vista Control Systems, Inc.

For successful and innovative entrepreneurship in data acquisition and control, and for his long-time dedication to and effective leadership of the IEEE Nuclear and Plasma Sciences Society.

2003 - **Steven J. Gitomer**, Los Alamos National Laboratory

For contributions to the IEEE NPS for 20 years as editor of Transactions on Plasma Science, supervision of 2,708 published papers, 57 special issues, and 19,947 published pages.

Recipients of NPSS Awards

Early Achievement Award

1995 - **Luiz Da Silva**, Lawrence Livermore National Laboratory

For significant contributions to the understanding and mitigation of Rayleigh-Taylor instabilities in Z-pinch implosions, which have led to higher power x-ray sources for ICF and other applications

1996 - **Ronald D. Schrimpf**, University of Arizona

For innovative contributions to understanding the effects of radiation on solid state devices.

1997 - **Milton Nance Ericson**, Oak Ridge National Laboratory

For contributions to advancing the state-of-the-art of nuclear instrumentation and for leadership in bringing integrated circuit technology to this field.

1998 - **Simon Cherry**, University of California, Los Angeles

For contributions to the development of positron emission tomography, particularly very high resolution systems for small animal imaging.

1999 - **Melissa Douglas**, Sandia National Laboratories

2000 - **Xiaochuan Pan**, University of Chicago

For significant contributions to the fields of γ -ray emission tomography, diffraction tomography, x-ray computed tomography, image processing and reconstruction, evaluation of image quality, and atomic physics.

2001 - **Paul E. Dodd**, Sandia National Laboratories

For contributions to the understanding and simulation of physical mechanisms responsible for single-event effects in spaceborne microelectronics.

2002 - **Simon Cooke**, Naval Research Laboratory

For contributions to numerical modeling of vacuum electron devices and RF components through the development of advanced algorithms for three-dimensional electromagnetic simulation.

Radiation Effects Award

1988 - **Edward A. Burke**, Mission Research

For pioneering contributions to the understanding of the interaction of energetic radiations with matter and the application of this understanding to problems critical to the hardening of space and missile systems.

1989 - **S. Clay Rogers**, JAYCOR

For innovative leadership in the field of Transient Radiation Effects on Electronics (TREE) research and technology development as well as personal contributions to the technology of nuclear hardening of microelectronics and systems.

1992 - **Bobby L. Buchanan**, Technology Expectations Inc.

For contributions to the development of radiation hardened electronics technology and innovative leadership in promoting cooperation among researchers, technology developers, and potential users.

1993 - **William E. Price**, Radiation Effects Sciences

For significant contributions to the founding of the IEEE Nuclear and Space Radiation Effects Conference and to the drafting of the original MIL-STD 883 Test Method 1019.

1994 - **Itsu Arimura**, The Boeing Company

For pioneering contributions to research on transient and permanent radiation effects in semiconductor devices and for leadership in the Radiation Effects community.

1995 - **Joseph Pinel**, Thomson CSF

For significant technical contributions to the development of radiation hardened CMOS/SOS technology and for the encouragement of international cooperation in radiation effects research.

1995 - **Bob L. Gregory**, Polaroid Corporation

For sustained technical contributions and direction in the development of radiation tolerant microelectronics and leadership within the IEEE and the worldwide radiation effects community.

1996 - **Robert S. Caldwell**, The Boeing Company

For management and technical leadership in systems engineering and hardness assurance, and leadership and innovation in the formative years of the Radiation Effects community.

1997 - **Robert E. McCoskey**, Army Research Laboratory

For technical contributions and leadership in the assessment of the radiation susceptibility of electronic components and systems.

1998 - **Edward L. Petersen**, Consultant

For pioneering contributions to the understanding of upset rate calculations for microelectronics in space environments.

2000 - **E. G. Stassinopoulos**, NASA GSFC

For contributions to the radiation effects community in the area of test flight facility development and liaison with the European radiation effects community, and for technical contributions to the understanding and modelling of space radiation environments with emphasis on engineering applications.

2001 - **Andrew Holmes-Siedle**, Brunel University and REM Oxford Ltd.

For contributions to the field of radiation dosimetry and encouragement of young researchers in the field of radiation effects.

2002 - **Kenneth Galloway**, Vanderbilt University

For technical contributions and leadership that have enhanced the understanding of radiation effects in semiconductor devices, for meritorious service to the radiation effects community, and for promoting radiation effects education.

2003 - **Klaus G. Kerris**, U.S. Army Research Laboratory, Retired

For contributions to the dissemination and advancement of radiation research by his leadership in all aspects of the IEEE Nuclear and Space Radiation Conference and the Radiation Effects Steering Group.

Recipients of NPSS Awards

Special Award

1977 - **John F. Osborn**, General Electric Company

In recognition of outstanding service to the IEEE Nuclear and Plasma Sciences Society as editor of the NPSS Newsletter.

1980 - **Donald W. Kerst**, University of Wisconsin

Plasma Science and Application Award

1988 - **Charles K. Birdsall**, University of California at Berkeley

For the development and application of many-particle computer simulations to instabilities, heating and transport of high-temperature plasmas.

1989 - **George Bekefi**, Massachusetts Institute of Technology

For outstanding contributions to the understanding of electromagnetic radiation processes in electron beam devices and plasma.

1990 - **Leon Shohet**, University of Wisconsin

For outstanding contributions to research and education in the field of plasma science and engineering including significant contributions to stellarator research.

1991 - **Victor Granatstein**, University of Maryland

For outstanding contributions to three areas of research: microwave generation with intense relativistic electron beams, RF sources for electron resonance heating of fusion plasmas, and microwave device physics and technology.

1992 - **Paul F. Ottinger**, Naval Research Laboratory

For outstanding contributions in two areas of plasma science: intense light-ion-beam transport, stability and focussing for inertial confinement fusion, and the theory of the plasma opening switch for application to pulsed-power generators.

1993 - **Noah Hershkowitz**, University of Wisconsin

For contributions to plasma science through numerous experimental investigations of a variety of basic plasma phenomena, including solitons, plasma sheaths, ion-acoustic waves, electrostatic double layers, and magnetic cusps. His pioneering research efforts have dramatically enhanced our understanding of the confinement, heating, and stabilization of tandem mirror plasmas, as well as fueling and impurity generation processes in small and medium-sized tokamaks.

1994 - **Francis F. Chen**, University of California, Los Angeles

For outstanding contributions to plasma science in the areas of magnetic fusion, inertial confinement fusion, plasma diagnostics, laser-plasma interactions, plasma processing, and basic plasma phenomena.

1995 - **Michael A. Lieberman**, University of California, Berkeley

For contributions to the pioneering development of the fields of fusion plasmas, plasma processing, and nonlinear dynamics, through both research and teaching.

1996 - **Wallace M. Manheimer**, Naval Research Laboratory

For pioneering contributions to relativistic microwave electronics and to basic plasma theory. In particular, for developing new concepts in coherent radiation generation, including the quasioptical gyrotron, and of new techniques for analyzing gyrotrons, gyrokystrons, and free electron lasers.

1997 - **Ronald M. Gilgenbach**, University of Michigan

For his many contributions to plasma science, particularly those in the area of cyclotron resonance heating of plasmas, long-pulse high-power diodes, electron beam transport and stability, and innovative diagnostics of laser-ablated plasma plumes.

1998 - **Akira Hirose**, University of Saskatchewan

For outstanding contributions to theoretical/experimental work on basic and fusion-related plasma science including studies of waves, turbulent heating, quasi-steady operation, and anomalous transport in tokamaks.

1999 - **Y.Y. Lau**, University of Michigan

For pioneering contributions to the science of electron-beams and coherent radiation sources, including electron-beam instabilities and crossed-field flow, multipactor, gyro-amplifiers, and ion-noise in travelling wave tubes.

2000 - **Mark Kushner**, University of Illinois

For pioneering contributions to industrial applied plasma physics through personal research, consultation, the education of students, and the establishment of a world-class industrial plasma research facility at the University of Illinois.

2001 - **Kwo Ray Chu**, National Tsing Hua University of Taiwan

For seminal plasma physics investigations yielding fundamental insight into coherent radiation processes, thereby significantly advancing the state of gyro-oscillator and amplifier technology.

2002 - **Igor Alexeff**, University of Tennessee

For outstanding contributions to plasma science, including pioneering work on ion acoustic waves and on plasma sheath expansion, substantial impact on the development of high power microwave sources, dedicated mentorship and education of generations of students, and extraordinary professional service, including co-founding of the IEEE Nuclear and Plasma Sciences Society in 1972.

2003 - **Thomas M. Antonsen**, University of Maryland

For his creative and seminal analyses of important problems in relativistic electronics, in the interaction of intense light pulses with plasmas, and in the heating and confinement of fusion plasmas.

2004 - **David A. Hammer**, Cornell University

For fundamental contributions to the understanding of intense relativistic electron beam propagation, intense ion beam generation and propagation, innovative plasma diagnostic development for intense beam devices, x-ray source development using novel plasma pinches, and for his commitment to the mentoring of graduate students in the field of plasma science.

Recipients of NPSS Awards

CANPS Award

1987 - **Edwin Norbeck**, University of Iowa

For his pioneering work in building the first computerized data acquisition system based on a general purpose computer.

1989 - **Rene Brun**, CERN

In recognition of his leadership and contributions to the development of GEANT, a computer program used in the simulation of high-energy physics events.

1991 - **Harry Bisby**, Harwell

For pioneering contributions to the development of the CAMAC Modular Interface System for real-time data acquisition.

1993 - **Louis Costrell**, NIST

In appreciation for his many years of leadership in the creation, implementation, and use of standards in data acquisition and control systems.

1997 - **Philip Ponting**, CERN

For his constant effort to promote standardization of electronics in experimental research.

1999 - **Robert Downing**, University of Illinois

For sustained and effective leadership in the standardization of electronics for physics experiments and for the design and implementation of innovative, effective, and high quality data acquisition systems.

Particle Accelerator Science and Technology Award

1989 - **L. Jackson Laslett**, Lawrence Berkeley Laboratory

For many outstanding contributions to accelerator science and technology.

1991 - **Perry B. Wilson** and **Z.D. Farkas**, Stanford Linear Accelerator Center

For the invention and implementation of the SLED Scheme at SLAC.

1991 - **Ronald M. Scanlan**, Lawrence Berkeley Laboratory and **David Larbelestier**, University of Wisconsin-Madison

For the development of Ni-Ti superconducting material for high current density application in high field superconducting magnets.

1993 - **Thomas L. Collins**, Fermi National Accelerator Laboratory

For his invention of long, straight sections for synchrotron and storage rings, and his design of the lattices of the Fermilab Main Ring, Tevatron, and Antiproton Source.

1993 - **Louis W. Anderson**, University of Wisconsin and **Yoshiharu Mori**, KEK

For their invention and development of the optically pumped polarized negative hydrogen ion source.

1995 - **Pierre M. Lapostolle**

For development of beam dynamics and accelerator structure theory.

1995 - **Jürgen Struckmeier**, GSI Darmstadt

For physical and mathematical description of emittance growth in intense beams.

1997 - **K. Leung**, Lawrence Berkeley National Laboratory

For his many ion source technology contributions benefitting synchrotrons, fusion devices and systems, ion implantation, proton therapy, and ion beam lithography.

1997 - **David Sutter**, US Department of Energy

For forming and managing a highly effective federal R&D program for the advancement of particle accelerator technologies.

1999 - **Ilan Ben-Zvi**, Brookhaven National Laboratory

For contributions to high-brightness electron beam technology and superconducting rf technology and for his leadership of Brookhaven's National Laboratory's Accelerator Technology Facility.

1999 - **G William Foster** and **Gerald P. Jackson**, Fermi National Accelerator Laboratory

For their leading roles in the conceptualization, design, and development of the first large-scale application of permanent magnet technology for beam transport, in the forms of the 8 GEV Booster to Main Injector transfer line and the Recycler Ring at Fermilab.

2001 - **John T. Seeman**, Stanford Linear Accelerator Center

For his outstanding leadership of the accelerator physics of the design, construction and commissioning of the highly successful PEP II positron-electron asymmetric collider.

2001 - **Lloyd M. Young**, Los Alamos National Laboratory

For his invention, development, and beam line operation of the resonantly-coupled RFQ structure and the methods used to tune it and other RFQ structures.

2003 - **Keith Simon**, University of Wisconsin, Madison

For many fundamental accelerator concepts which include the invention of Fixed Field Alternating Gradient Accelerators (FFAG), most notably incorporated into spiral sector cyclotrons; for defining a formalism describing motion under the influence of RF as required for stacking and other particle manipulations; and for techniques for analyzing collective instabilities.

2003 - **Stephen Milton**, Argonne National Laboratory

For contributions to coherent radiation sources especially his leading role in achieving saturated operation at visible and ultraviolet wavelengths in a self-amplified spontaneous emission free-electron laser

Recipients of NPSS Awards

Medical Imaging Scientist Award

1996 - **Robert N. Beck**, University of Chicago

For fundamental contributions to the mathematical and physical theories underlying nuclear medicine, medical imaging, and imaging science and for contributions to the education and inspiration of generations of imaging scientists.

1998 - **W. Leslie Rogers**, University of Michigan

For contributions to the fundamental and practical physics and engineering of novel detectors and systems for emission imaging; and for contributions of leadership and mentorship within the medical imaging community.

2000 - **Harrison H. Barrett**, University of Arizona

For substantial research accomplishments in the physics, mathematics, and engineering aspects of medical imaging science.

2002 - **Edward J. Hoffman**, University of California, Los Angeles

For important and sustained contributions to the development of positron emission tomography and for dedication to graduate level education in the nuclear medical imaging sciences.

Medical Imaging Young Investigator Award

1997 - **Paul E. Kinahan**, University of Pittsburgh

For important contributions to 3D image reconstruction.

1997 - **Martin Tornai**, University of California, Los Angeles

For important contributions to the design of miniature imaging probes for use in surgery.

1999 - **Freek Beekman**, Utrecht University Hospital

For contributions to instrumentation, modeling, simulation, reconstruction and analysis of SPECT.

2001 - **Jinyi Qi**, Lawrence Berkeley National Laboratory

For contributions to the analysis of Bayesian image reconstruction algorithms, and for the development of high-resolution 3D Bayesian image reconstruction methods for animal PET scans.

2003 - **Habib Zaida**, Geneva University Hospital

For contributions to the development and better understanding of Monte Carlo simulation tools, improvement and quantitative analysis of scatter correction algorithms in PET imaging, and publication of textbooks.

Radiation Instrumentation Outstanding Achievement Award

2001 - **Stephen E. Derenzo**, Lawrence Berkeley National Laboratory

For research and teaching related to scintillators and scintillation detectors, including development of scintillators, theoretical understanding of scintillation processes, pioneering work in the readout of scintillators, and teaching other professionals through the Short Courses.

Recipients of NPSS Awards

Fusion Technology Award

1989 - **D. Bruce Montgomery**, Massachusetts Institute of Technology

For his contributions to the development of both superconducting magnets and high-performance copper magnets: For his pioneering development of hybrid coils: For the engineering concept development of the Alcator series of magnets and for excellence in engineering management, both at the Massachusetts Institute of Technology and at a national level on the Compact Ignition Tokamak project.

1991 - **Stanley Lawrence Milora**, Oak Ridge National Laboratory

For his development of plasma fueling by hydrogen pellet injection, for his contribution to the theory of pellet ablation, for his invention and design of the light gas pellet injection concept, and for his pioneering efforts to achieve the application of pellet injectors on plasma machines.

1993 - **Michael David Williams**, Princeton University Plasma Physics Laboratory

For his development of neutral beam heating of fusion plasmas, For his activities in supporting the transfer of fusion technology from PPPL to the industrial sector, For his leadership in preparing TFTR for the very important and historical introduction of D-T in TFTR.

1994 - **Kenneth R. Schultz**, General Atomics

1995 - **Richard J. Thome**, Massachusetts Institute of Technology

2001 - **Joel H. Shultz**, MIT PLasma Science and Fusion Center

For his many contributions to fusion engineering and superconducting magnet technology.

2003 - **George H. Miley**, University of Illinois

For many innovative contributions to the advancement of alternate confinement fusion concepts and technology; for pioneering the development of fusion neutron sources for industrial applications, for educating and mentoring a generation of engineers, and for many years of service to the organization and operation of the IEEE/NPSS Symposium on Fusion Engineering.

Erwin Marx Award

To recognize outstanding achievements in pulsed power engineering, science and technology by an individual over an extended period of time.

1981 - **J.C. Charlie Martin**, Atomic Weapons Research Establishment

1983 - **Ian D. Smith**, Pulsed Sciences Inc.

1985 - **Thomas H. Martin**, Sandia National Laboratories

1987 - **Ihor M. Vitkovitsky**, Naval Research Laboratory

1989 - **Kenneth R. Prestwich**, Sandia National Laboratories

1991 - **Gennady A. Mesyats**, USSR Academy of Sciences

1993 - **Philip W. Spence**, Pulsed Sciences Inc.

1995 - **A. Richard Miller**, Maxwell Laboratories Inc.

1997 - **Boris M. Kovalchuk**, High Current Electronics Institute

1999 - **Peter J. Turchi**, The Ohio State University

2001 - **Malcolm Buttram**, Sandia National Laboratories

2003 - **Vladimir K. Chernyshev**, Russian Federal Nuclear Center - VNIIEF

Peter Haas Pulsed Power Award

Individuals whose efforts, over an extended period, have greatly benefitted the pulsed power field by resulting in either important advances in pulsed power or the growth of important applications or areas of activity including research, education, and information exchange.

1987 - **Magne Kristiansen**, Texas Tech University

1989 - **Arthur H. Guenther**, Los Alamos National Laboratory

1991 - **Gerold Yonas**, Sandia National Laboratories

1993 - **Alan C. Kolb**, Maxwell Laboratories Inc.

1995 - **Bernard H. Bernstein**, Design Services, Inc.

1997 - **William L. Baker**, Air Force Research Laboratory

1999 - **Gerald Cooperstein**, Naval Research Laboratory

2001 - **Dillon McDaniel**, Sandia National Laboratories

2003- **Hidenori Akiyama**, Kumamoto University

2004 NPSS IEEE Fellows

AGEE, FORREST JACK Fellow, 2000.

“For leadership in and contributions to the engineering and physics of high power microwave, pulsed power, and ionizing radiation devices.”

AKIYAMA, HIDENORI Fellow, 2000.

“For contributions to the development of pulsed power technology and its industrial applications.”

ALBERIGI-QUARANTA, ALESSANDRO Q. Fellow, 1978.

“For contributions and technical leadership in the fields of nuclear electronics and charge transport in semiconductors.”

ALEXEFF, IGOR Fellow, 1981.

“For innovation in plasma engineering and controlled thermonuclear fusion research.”

ALLEN, MATTHEW A. Fellow, 1987.

“For contributions to the design and construction of radio frequency apparatus for high-energy storage rings and accelerators.”

ANDERS, ANDRE Fellow, 2001

“For contributions to the physics and technology of cathodic arc plasmas.”

ANDERSON, JOHN M. Fellow, 1975.

“For contributions to the understanding of electromagnetic wave and plasma interaction.”

ANGER, HAL O. Fellow, 1999.

“For the development of the ‘Anger Camera’ and other imaging devices in nuclear medicine.”

ASMUSSEN, JES Fellow, 1992.

“For the development and application of microwave cavity applicator technology.”

BACHYNSKI, MORREL P. Fellow, 1977.

“For contributions to the fields of electromagnetic waves and plasmas.”

BAKER, WILLIAM L. Fellow, 1999.

“For leadership in the application of high-power beam technology.”

BALMAIN, KEITH G. Fellow, 1987.

“For contributions to the understanding of log-periodic antennas and antennas in plasma.”

BARKER, ROBERT J. Fellow, 1997.

“For leadership in the fields of plasma science and microwave generation.”

BARTON, MARK Q. Fellow, 1988.

“For fundamental contributions to the development of high-energy particle accelerators.”

BAUM, CARL E. Fellow, 1984.

“For pioneering the singularity expansion method and electromagnetic topology in electromagnetic theory, and for development of EMP simulation and electromagnetic sensors.”

BENFORD, JAMES NELSON Fellow, 1997.

“For development of high power microwave sources and for transferring this technology to custom products.”

BIRDSALL, CHARLES K. IRE Fellow, 1962.

“For contributions to research on traveling-wave tubes.”

BLAIR, JEROME JOHN Fellow, 2004

“For contributions to the design and testing of analog to digital converters.”

BOESCH, H. EDWIN JR. Fellow, 1993.

“For contributions to the understanding of complex time-dependent radiation response of MOS structures in electronic devices through conception, design, and experimentation.”

BOXMAN, RAYMOND L. Fellow, 1989.

“For advances in vacuum arc theory and its applications.”

BRILL, A. BERTRAND Fellow, 1988.

“For contributions to the use of radiation in medicine.”

BRILLSON, LEONARD J. Fellow, 2000.

“For contributions to the understanding and control of semiconductor interfaces and electrical contacts by atomic-scale techniques.”

BROWN, IAN G. Fellow, 1996.

“For developing the state-of-the-art MEVVA intense metal (and carbon) vacuum arc ion source for accelerators and for industry.”

BURRAGE, LAWRENCE M. Fellow, 1991.

“For leadership in the development and application of advanced interrupters to distribution systems.”

CHAN, CHUNG Fellow, 1998.

“For contributions to research and development of plasma processes in electronic manufacturing.”

CHEN, FRANCIS F. Fellow, 1980.

“For significant contributions to plasma diagnostics, and to the understanding of plasma instabilities and anomalous transport phenomena.”

CHERRINGTON, BLAKE E. Fellow, 1992.

“For leadership in the development of programs for electrical engineering education and research.”

2004 NPSS IEEE Fellows

CHU, KWO RAY Fellow, 1997.

“For contributions to the basic understanding of relativistic electron cyclotron interactions with electromagnetic waves and development of high power radiation sources based on such interactions.”

CHU, PAUL KIM-HO Fellow, 2003.

“For contributions to the understanding of plasma implantation and deposition.”

COLINGE, JEAN-PIERRE Fellow, 1996.

“For contributions to silicon-on-insulator devices and technology.”

COLLINS, GEORGE J. Fellow, 1987.

“For contributions to the understanding and development of rare-gas-metal-vapor lasers and to laser processing of microelectronic films.”

CONNOR, KENNETH A. Fellow, 1998.

“For contributions to the development of particle beam probing for nuclear fusion research.”

CONRAD, EDWARD E. Fellow, 1981.

“For technical leadership in the understanding and characterization of transient nuclear radiation effects on insulators.”

COSTRELL, LOUIS Fellow, 1968.

“For outstanding contributions to the development and standardization of nuclear instruments.”

COVA, SERGIO D. Fellow, 1992.

“For contributions to the instrumentation of nuclear electronics, in particular, the conception and demonstration of silicon single-photon detectors.”

CRESSLER, JOHN D. Fellow, 2001

“For contributions to the understanding and optimization of silicon and silicon-germanium bipolar transistors.”

DANLY, BRUCE GORDON Fellow, 2003.

“For contributions to the development of high-power millimeter-wave sources for fusion, accelerator, and defence applications.”

DAVIS, GRACIE E. Fellow, 2003.

“For contributions to the development of radiation-hard electronic components for military and space applications.”

DAWSON, W. KENNETH Fellow, 1991.

“For technical leadership and contributions to the development of instrumentation bus standards and nuclear data acquisition and control systems.”

DAYTON, JAMES A., JR Fellow, 1999.

“For contributions to the design of microwave devices.”

DERENZO, STEPHEN E. Fellow, 2000.

“For contributions to the development of high resolution positron tomography and the discovery of new scintillators.”

DESTLER, WILLIAM W. Fellow, 1992.

“For contributions to the development of large-orbit microwave devices and collective accelerators, and to engineering education.”

DOUGAL, ARWIN A. Fellow, 1974.

“For contributions to the theory and teaching of plasma science and physical electronics.”

DRESSENDORFER, PAUL VINCENT Fellow, 1995.

“For contributions to the development and understanding of radiation-hardened technologies for electronic devices and circuits.”

ENGELSON, IRVING Fellow, 1993.

“For management leadership of IEEE technical activities worldwide.”

FAIRSTEIN, EDWARD Fellow, 1971.

“For contributions to nuclear instrumentation, particularly in the technology of linear pulse amplification.”

FENG, DAGAN Fellow, 2003.

“For contributions to modeling and data processing for biomedical and multimedia applications.”

FLEETWOOD, DANIEL M. Fellow, 1997.

“For contributions to the field of electronic devices and materials.”

FLEISCHMANN, HANS H. Fellow, 1983.

“For the development of the ion ring compressor and its application to controlled fusion research”

FLESCHER, HAROLD L. Fellow, 1998.

“For leadership in the development of radiation hardening technology.”

FORSTER, JULIAN Fellow, 1972.

“For contributions to instrumentation and control systems for nuclear power plants.”

GALLOWAY, KENNETH F. Fellow, 1986.

“For contributions to the study of radiation effects in microelectronics.”

GARSCADDEN, ALAN Fellow, 1997.

“For contributions to the field of non-equilibrium plasma and its applications.”

GATTI, EMILIO C. Fellow, 1973.

“For contributions to research in nuclear instrumentation and in the statistical limits of time and amplitude measurements.”

2004 NPSS IEEE Fellows

GITOMER, STEVEN J. Fellow, 1992.

“For leadership in the field of plasma science and the modeling of laser- produced plasmas.”

GODFREY, BRENDAN BERRY Fellow, 2000.

“For leadership in generation and application of intense charged-particle beams, and in numerical simulation of beams and plasmas.”

GODYAK, VALERY A. Fellow, 1998.

“For contributions to RF discharge physics and its applications to development of new RF light sources.”

GOEBEL, DAN M. Fellow, 1999.

“For advancements in plasma sources and technology for pulsed-power switches and microwave sources.”

GOLD, STEVEN HARVEY Fellow, 1996.

“For research on high power, coherent radiation sources including millimeter- wave free-electron lasers, gyrotrons, cyclotron autoresonance masers, and the magnicon.”

GOTO, TOSHIO Fellow, 2002.

“For contributions to plasma processing, gaseous electronics and lasers.”

GOULD, ROY W. Fellow, 1965.

“For contributions to the theory of microwave tubes.”

GRANATSTEIN, VICTOR L. Fellow, 1992.

“For contributions to the invention and development of high-power microwave generators, especially gyrotron amplifiers.”

GULLBERG, GRANT THEODORE Fellow, 2004

“For contributions to medical imaging technologies.”

HAMMER, DAVID A. Fellow, 1995.

“For contributions to the physics, technology and applications of intense, pulsed electron and ion beams, and dense z-pinch plasmas.”

HEIJNE, ERIK H.M. Fellow, 2004

“For contributions to semiconductor detector systems and radiation tolerant detector readout electronics.”

HERMAN, GABOR T. Fellow, 1991.

“For contributions to medical imaging, particularly in the theory and development of techniques for the reconstruction and display of computed tomographic images.”

HERNQVIST, KARL G. Fellow, 1969.

“For invention and outstanding technical work in the field of gas discharge devices, thermionic energy conversion, and laser technology.”

HERSHKOWITZ, NOAH Fellow, 1989.

“For contributions to basic plasma science, plasma diagnostics, and RF heating and stabilization of mirror-confined plasmas.”

HERZ, ERIC Fellow, 1983.

“For contributions to the development and management of information systems for testing aerospace vehicles and for valuable services to the Institute.”

HIROSE, AKIRA Fellow, 1986.

“For contributions to the understanding of linear and nonlinear plasma waves and their application to anomalous plasma transport.”

HOFFMAN, EDWARD J. Fellow, 1998.

“For contributions to the development of Positron Emission Tomography, particularly in the development of its use for quantitative measurements.”

HUESMAN, RONALD H. Fellow, 2002.

“For contributions to computed tomographic reconstruction, parameter estimation from dynamic reconstructed images, and related analysis.”

HUGHES, HAROLD. L Fellow, 1999.

“For discovery of radiation-induced oxide-trapping effects in metal-oxide-semiconductor (MOS) structures, and the hardening against such radiation effects.”

HUSSEY, THOMAS W. Fellow, 1998.

“For advances in the understanding and application of fast, hollow-core, plasma z pinches.”

ISHIHARA, OSAMU Fellow, 1998.

“For contributions to the physics of the quasilinear mechanism of turbulent heating and the understanding of collective effects of wave-particle interaction in plasma turbulence.”

JACKSON, WILLIAM D. Fellow, 1983.

“For contributions to novel energy conversion systems and for the promotion of international cooperation in energy research and development.”

JAMES, RALPH BOYD Fellow, 2002.

“For contributions to and leadership in the development of wide band-gap compound semiconductor devices used for detecting and imaging X- and gamma-ray radiation.”

JASZCZAK, RONALD J. Fellow, 1993.

“For contributions to nuclear medical imaging, in particular, to the development, characterization, and understanding of single photon emission computed tomography (SPECT).”

2004 NPSS IEEE Fellows

JOHNSON, C. BRUCE Fellow, 1991.

“For contributions to both the theory and application of photoelectronics image conversion, and electron multiplication.”

JOHNSTON, ALLAN HUGH Fellow, 2002.

“For contributions to the understanding of space radiation effects in optoelectronics.”

JORY, HOWARD R. Fellow, 1990.

“For technical leadership in the development of gyrotrons.”

KATSOULEAS, THOMAS CHRISTOS Fellow, 1996.

“For pioneering contributions to the fields of ultra-high gradient particle accelerators and novel light sources using plasmas.”

KERNS, SHERRA E. Fellow, 1990.

“For contributions to the seduction of CMOS and GaAs IC vulnerability to single-event and transient radiation environments.”

KIKUCHI, HIROSHI Fellow, 1984.

“For contributions and leadership in plasma studies.”

KIKUCHI, KOJI Fellow, 1994.

“For contributions to analysis of EVH oil-filled cables and their installation.”

KNOLL, GLENN F. Fellow, 1987.

“For contributions to nuclear engineering education, and for fundamental work in nuclear measurements and instrumentation.”

KRISTIANSEN, MAGNE Fellow, 1978.

“For contributions to plasma technology and pulsed power.”

KUEHL, HANS H. Fellow, 1980.

“For contributions to the theory of antennas in plasmas.”

KUO, SPENCER P. Fellow, 2004

“For contributions to the understanding of electromagnetic wave propagation in plasmas.”

KUSHNER, MARK J. Fellow, 1991.

“For contributions to the fundamental understanding of low-temperature plasmas.”

LARSEN, RAYMOND S. Fellow, 1988.

“For contributions to advances in high-speed analog sampled data devices, circuits, and large-scale systems, and for leadership in the development of high-speed data bus standards.”

LEAHY, RICHARD MICHAEL Fellow, 2004

“For contributions to positron emission tomography, encephalography, and magnetic resonance imaging.”

LESKOVAR, BRANKO Fellow, 1989.

“For development and applications of instrumental methods in short-lived gaseous species detection and fast event timing.”

LIEBERMAN, MICHAEL A. Fellow, 1994.

“For contributions to research in plasma-assisted materials processing, nonlinear dynamics, and controlled fusion.”

LIU, SHENG Fellow, 1999.

“For contributions to the physics and technology of microwave electronics and to higher education in this field.”

LONNGREN, KARL E. Fellow, 1982.

“For contributions to the understanding of nonlinear effects in plasmas and related areas.”

LUHMANN, NEVILLE CLINTON Fellow, 2002.

“For advances in millimeter/submillimeter wave plasma diagnostics, intense microwave plasma interactions, and coherent radiation generation.”

MA, TSO-PING Fellow, 1995.

“For contributions to the understanding of oxide semiconductor interface and hot carrier effects.”

MANHEIMER, WALLACE M. Fellow, 1993.

“For contributions to the analysis of nonlinear phenomena in plasmas and electron beams.”

MARTIN, JOHN A. Fellow, 1976.

“For contributions to heavy ion cyclotron developments.”

MAWARDI, OSMAN K. Fellow, 1967.

“For significant contributions in the field of acoustics and plasmas, and for leadership in the area of university education and research in plasma dynamics.”

MAYER, JAMES W. Fellow, 1972.

“For contributions to the development of semiconductor nuclear radiation detectors and to the understanding of ion implantation processes in semiconductors.”

MCLEAN, F. BARRY Fellow, 1990.

“For contributions to the theoretical understanding of the radiation response of electronics materials and devices, and of the complex time-dependent radiation response of MOS structures.”

MESSINGER, GEORGE C. Fellow, 1976.

“For contributions to the determination of radiation damage to semiconductors and advances in semiconductor device technology.”

2004 NPSS IEEE Fellows

MILEY, GEORGE H. Fellow, 1987.

“For contributions to the design of confinement systems magnetic and inertial fusion reactors and to nuclear pumped lasers.”

MINTER, JERRY B. Fellow, 1969.

“For contributions to radio signal generating and measuring devices.”

MUEHLEHNER, GERD Fellow, 2003.

“For contributions to positron emission tomography instrumentation and image reconstruction techniques.”

NAKANISHI, KUNIO Fellow, 1978.

“For contributions to the understanding of switching phenomena in high-power switchgear.”

NALCIOGLU, ORHAN Fellow, 1988.

“For contributions to image science and for fundamental work in digital X-ray imaging, X-ray, and nuclear magnetic resonance tomography.”

NG, ANDREW Fellow, 2002.

“For contributions to plasma science concerning warm dense matter, femtosecond-laser matter interactions, and laser-driven shock waves.”

NISHIMURA, TADASHI Fellow, 2003.

“For leadership in the development of advanced CMOS devices and process techniques.”

O’SHEA, PATRICK GERARD Fellow, 2004

“For contributions to charged particle accelerators and free-electron lasers.”

OAKES, LESTER C. Fellow, 1983.

“For contributions to nuclear power reactor control systems.”

OLDHAM, TIMOTHY R. Fellow, 2001

“For contributions to the understanding of complex time-dependent radiation response of MOS electronic devices.”

OSEPCHUK, JOHN M. Fellow, 1978.

“For contributions to microwave technology and to microwave safety.”

PARKER, ROBERT KELLEY Fellow, 1995.

“For leadership and contributions in the fields of intense relativistic electron beams, and the generation of coherent electromagnetic radiation through beam-wave interactions.”

PERATT, ANTHONY I. Fellow, 1999.

“For contributions to the development of three-dimensional, electromagnetic, particle-in-cell simulations of plasma.”

PHELPS, PAUL L. JR. Fellow, 1984.

“For contributions to the development and applications of instrumental methods in environmental radionuclide detection and behavior.”

PICKEL, JAMES CHARLES Fellow, 1995.

“For contributions to the development of methods to characterize, model, and mitigate the effects of single event mechanisms in microelectronics.”

POWERS, EDWARD J. JR. Fellow, 1983.

“For contributions to the analysis of data relating to nonlinear phenomena in materials such as controlled thermonuclear plasmas.”

QUINTENZ, JEFFREY PAUL Fellow, 1996.

“For technical contributions to the focusing of intense light ion beams and particle-in-cell computer codes to model pulsed power devices.”

RADEKA, VELJKO Fellow, 1976.

“For contributions to the theory and practice of nuclear detector signal processing.”

RAYMOND, JAMES P. Fellow, 1988.

“For contributions to the understanding of radiation effects on semiconductor devices, microcircuits, and electronic systems.”

REINOVSKY, ROBERT EMIL Fellow, 2003.

“For contributions to pulsed power science and technology.”

REISER, MARTIN P. Fellow, 1993.

“For pioneering work in accelerator design and collective acceleration, research on the behavior of space-charge dominated beams, and contributions to engineering education in particle beams.”

ROCCA, JORGE J. Fellow, 2000.

“For the development of plasma excited lasers and the table-top soft x-ray laser.”

RODERICK, NORMAN F. Fellow, 2003.

“For contributions to the modeling and understanding of high energy density plasmas.”

ROSS, HUGH C. Fellow, 1966.

“For contributions in the development of high vacuum switching equipment.”

ROTH, J. REECE Fellow, 1981.

“For developments in superconducting magnet technology and discoveries in plasma instabilities and turbulence.”

SAH, CHIH-TANG Fellow, 1969.

“For contributions to the theory, understanding and development of solid-state electronic devices.”

2004 NPSS IEEE Fellows

SAKS, NELSON SIMON Fellow, 1996.

“For contributions to the understanding of the basic mechanisms of radiation damage in meta1-oxide-semiconductor devices.”

SCHAMILOGLU, EDL Fellow, 2002.

“For contributions to the generation and propagation of intense pulsed charged particle beams.”

SCHOENBACH, KARL H. Fellow, 1994.

“For contributions to the research and development of very-high-power electronic devices.”

SCHRIMPF, RONALD D. Fellow, 2000.

“For contributions to the understanding and the modeling of physical mechanisms governing the response of semiconductor devices to radiation exposure.”

SCHWANK, JAMES R. Fellow, 1994.

“For contributions to the field of radiation effects on electronic devices and integrated circuits.”

SCHWIRZKE, FRED RICHARD Fellow, 1995.

“For contributions to the understanding of high voltage breakdown across a vacuum gap, and the subsequent high-current emission by cathode spots.”

SEIDLER, WILLIAM A. II Fellow, 1990.

“For contributions to research in electromagnetic pulse effects.”

SEKIGUCHI, TADASHI Fellow, 1983.

“For contributions to fundamental plasma science and applications and for electrical engineering education.”

SESSLER, GERHARD M. Fellow, 1977.

“For contributions to the field of electroacoustic transducers, particularly the electret microphone.”

SHANEYFELT, MARTY R. Fellow, 2002.

“For contributions to the understanding of radiation effects in semiconductor devices and to the development of radiation-hardened technologies.”

SHAPIRO, GUSTAVE IRE Fellow, 1961.

“For contributions to the development of electronic miniaturization techniques and components.”

SHIOZAWA, TOSHIYUKI Fellow, 2001

“For contributions to engineering-oriented relativistic electromagnetic theory and theoretical study of free-electron lasers.”

SHOHET, J. LEON Fellow, 1978.

“For leadership in plasma science and engineering.”

SILEVITCH, MICHAEL BERNARD Fellow, 2004

“For leadership in advancing interdisciplinary subsurface sensing and imaging techniques.”

SINGH, AMARJIT Fellow, 1974.

“For contributions to the knowledge of microwave plasmas and devices, and for research leadership.”

SLADE, PAUL G. Fellow, 1990.

“For contributions to the behavior of high-current metal contacts.”

SPECK, CARLTON E. Fellow, 1999.

“For the application of the theory and practice of electrostatic effects in the automotive industry.”

SPRATT, JAMES P. Fellow, 1994.

“For contributions to the design and fabrication of radiation-hardened integrated circuits, and to advances in semiconductor device technology.”

SROUR, JOSEPH R. Fellow, 1987.

“For contributions to the understanding of radiation effects on electronic materials and devices.”

STAPRANS, ARMAND Fellow, 1989.

“For leadership in the development of linear beam microwave tubes.”

STRAUSS, MICHAEL G. Fellow, 1987.

“For contributions to nuclear instrumentation and measurement techniques.”

STROSCIO, MICHAEL A. Fellow, 1992.

“For contributions to the understanding of quantum and relativistic phenomena in solid-state and laser-produced plasmas.”

SWEENEY, MARY ANN Fellow, 1992.

“For contributions to the understanding of plasma opening switches and beam interactions with matter in particle beam accelerators.”

SYMONS, ROBERT S. Fellow, 1972.

“For development of super-power klystrons and hybrid amplifiers.”

TEMKIN, RICHARD J. Fellow, 1994.

“For leadership in the development and application of millimeter-wave and infrared coherent sources.”

THUMM, MANFRED KASPAR ANDREAS Fellow, 2002.

“For contributions to the development and application of gyrotron oscillators, oversized micromode converters and transmission line components.”

TRUE, RICHARD B. Fellow, 1993.

“For contributions to a unified theory of electron-beam transport in high-power microwave systems.”

TURCHI, PETER JOHN Fellow, 2000.

“For leadership and contributions in multi-megajoule, multi-megampere pulsed power science and technology.”

2004 NPSS IEEE Fellows

VAN LINT, VICTOR A. J. Fellow, 1977.

“For contributions to the understanding of radiation effects and to the applications of this knowledge to improve the survivability of military and space systems.”

WALTER, F. JOHN Fellow, 1980.

“For contributions and leadership in the development and application of semiconductor radiation spectrometers.”

WATANABE, YASUO Fellow, 1997.

“For contributions to the development of insulation of UHV ac and dc transmission lines and analysis of lightening performance of overhead power transmission lines.”

WENG, WU-TSUNG Fellow, 2004

“For leadership in particle accelerator development.”

WHARTON, CHARLES B. Fellow, 1977.

“For contributions to the understanding of plasmas and to the development of plasma diagnostic techniques.”

WHEATLEY, C. FRANK JR. Fellow, 1992.

“For contributions to the development and application of power semiconductor devices and circuits.”

WILLIAMS, CHARLES W. Fellow, 1982.

“For contributions to the development and application of nuclear instrumentation.”

WINOKUR, PETER S. Fellow, 1991.

“For contributions to the understanding and improvement of the radiation response of electronic materials and devices, and for improvements in total-dose hardness assurance of integrated circu

YANABU, SATORU Fellow, 1990.

“For contributions to research and development of advanced switchgear and application in transmission and distribution systems.”

ZIEGLER, JAMES F. Fellow, 1996.

“For contributions to ion implantation technology and to understanding the effects of radiation on terrestrial electronic systems.”

HISTORY OF THE IEEE NUCLEAR AND PLASMA SCIENCES SOCIETY

The first activity of record in this field was the formation of a Nuclear Studies Committee in the IRE in 1947, to determine the proper role of the IRE in this new technical field. Subsequently, in 1949 a petition was filed for the formation of a Professional Group on Nuclear Science, and it was approved on April 5, 1949, with L. R. Hafstad as Chairman. On April 29, an organizational meeting was held, the membership at that time consisting of 54, increasing to 970 by the end of the year.

The new organization became visible on a number of fronts in the early 50's. In 1953, the PGNS formed an Atomic Energy Policy Committee which fielded a strong effort to have the Atomic Energy Act of 1946 modified. These efforts came to fruition in the Atomic Energy Act of 1954. Early in the 50's the PGNS became a co-sponsor of the Scintillation Counter Symposium which has now merged into the Nuclear Science Symposium. Also in 1954 the first issue of the TRANSACTIONS ON NUCLEAR SCIENCE appeared. In 1956 the number of issues of the TRANSACTIONS was increased from one a year to four.

At essentially the same time as the Professional Group on Nuclear Science was formed in the IRE, the AIEE formed a number of committees and subcommittees to work in this area, the most important being the Nucleonics Committee and the Committee on Nucleonic and Radiation Instruments.

With the merger of the IRE and AIEE on January 1, 1963, to form the IEEE, procedures were begun to merge the like-interest groups of the former societies. The IRE Professional Group on Nuclear Science merged with the AIEE Nucleonics Committee and the Committee on Nucleonic and Radiation Instruments on October 29, 1963, to become the Nuclear Science group of the IEEE.

In 1972 two major events occurred for the Group. Midyear the scope was widened to include the plasma science field and in September the group was given Society status. The augmented group became the Nuclear and Plasma Sciences Society. March of 1973 saw the debut of a second publication, the TRANSACTIONS ON PLASMA SCIENCE. In 1982 the Nuclear and Plasma Sciences Society joined forces with the IEEE Engineering in Medicine and Biology Society, the IEEE Acoustics, Speech and Signal Processing Society and the IEEE Group on Sonics and Ultrasonics (now the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society) to jointly sponsor and publish the IEEE TRANSACTIONS ON MEDICAL IMAGING. The Nuclear and Plasma Sciences Society thus has the distinction of having full or shared responsibility for three publications, the TRANSACTIONS ON NUCLEAR SCIENCE, the TRANSACTIONS ON PLASMA SCIENCE and the TRANSACTIONS ON MEDICAL IMAGING, all of which have established outstanding reputations in their respective fields. In addition to these TRANSACTIONS, the Society publishes a newsletter whose appearance three times a year is timed to coincide with major meetings sponsored by the Society.

Over the years the Society has inaugurated or assumed responsibility for a number of conferences. Every year the Society sponsors conferences on Plasma Science, Radiation Effects, and Nuclear Science. Conferences on Particle Accelerators, Engineering problems in Fusion Research, Data Acquisition in Nuclear and Plasma Physics and Pulsed Power are sponsored every other year. In addition, other conferences such as the Symposium on Nuclear Power Systems are co-sponsored by the Society. Papers presented at these conferences are published in the form of conference records and, in some instances, in special or regular issues of the appropriate Transactions.

NPSS Ad Com Membership History

Adcom Officers

President

Snyder, A.W.	71/01/01	72/01/01
Martin, John A.	73/01/01	74/12/31
Van Ness, Hugh W.	75/01/01	76/12/31
Plotkin, Martin	77/01/01	78/12/31
Shohet, J. Leon	79/01/01	80/12/31
Maninger, R. Carroll	81/01/01	82/12/31
Corte, Ernesto A.	83/01/01	84/12/31
Martin, John A.	85/01/01	86/12/31
Dawson, W. Kenneth	87/01/01	88/12/31
Larsen, Raymond S.	89/01/01	90/12/31
Flescher, Harold L.	91/01/01	92/12/31
Nalcioglu, Orhan	93/01/01	94/12/31
Clout, Peter N.	95/01/01	96/12/31
Jaszczak, Ronald J.	97/01/01	98/12/31
Alexeff, Igor	99/01/01	00/12/31
Winokur, Peter S.	01/01/01	02/12/31
Hoffman, Edward J.	03/01/01	04/12/31

Vice President

Martin, John A.	71/01/01	72/12/31
Larsen, Raymond S.	73/01/01	73/12/31
Van Ness, Hugh W.	74/01/01	74/12/31
Wharton, C.B.	75/01/01	75/12/31
Corte, Ernesto A.	76/01/01	76/12/31
Caldwell, R.S.	77/01/01	77/12/31
Oswald, Jr., Robert B.	78/01/01	78/12/31
Williams, C.W.	79/01/01	79/12/31
Wagner, Lee J.	80/01/01	80/12/31
Stripeika, A.L.	81/01/01	81/12/31
Gitomer, Steven J.	82/01/01	82/12/31
Alexeff, Igor	83/01/01	83/12/31
McLean, E.A.	84/01/01	84/12/31
Bushnell, Charles W.	85/01/01	85/12/31
Flescher, Harold L.	86/01/01	86/12/31
Harris, Harlan Ward	87/01/01	87/12/31
Sweeney, Mary Ann	88/01/01	88/12/31
Galloway, Kenneth F.	89/01/01	89/12/31
Flescher, Harold L.	90/01/01	90/12/31
Hershkowitz, Noah	91/01/01	91/12/31
Nalcioglu, Orhan	92/01/01	92/12/31
Klaisner, Lowell A.	93/01/01	93/12/31
Clout, Peter N.	94/01/01	94/12/31
Heijne, Erik	95/01/01	95/12/31
Jaszczak, Ronald J.	96/01/01	96/12/31
Bugg, William M.	97/01/01	97/12/31
Alexeff, Igor	98/01/01	98/12/31
Moses, William W.	99/01/01	99/12/31
Winokur, Peter S.	00/01/01	00/12/31
Hoffman, Edward J.	01/01/01	02/12/31
Moses, William W.	03/01/01	04/12/31

Secretary

Managan, W.W.	71/01/01	72/12/31
Coleman, J.A.	73/01/01	73/12/31
Phelps, Jr., Paul L.	74/01/01	74/12/31
Roth, J. Reece	75/01/01	75/12/31
Plotkin, Martin	76/01/01	76/12/31
Williams, C.W.	77/01/01	77/12/31
Kraner, Hobart W.	78/01/01	78/12/31
Hickok, R.L.	79/01/01	79/12/31
Burrage, L.M.	80/01/01	80/12/31
Oakes, Lester C.	81/01/01	82/12/31
Gitomer, Steven J.	83/01/01	83/12/31
Kirsten, Frederick A.	84/01/01	84/12/31
Dawson, W. Kenneth	85/01/01	86/12/31
Sweeney, Mary Ann	87/01/01	88/12/31
Kraner, Hobart W.	89/01/01	89/12/31
Clout, Peter N.	90/01/01	90/12/31
Wagner, Sanford	91/01/01	91/12/31
Clout, Peter N.	92/01/01	94/12/31
Dawson Larsen, Alberta M.	95/01/01	

Treasurer

Pruett, R.F.	69/01/01	74/12/31
Stripeika, A.L.	75/01/01	78/12/31
Wagner, Lee J.	79/01/01	91/12/31
Lampo, Edward J.	92/01/01	

Past President

Martin, John A.	75/01/01	76/12/31
Van Ness, Hugh W.	77/01/01	78/12/31
Plotkin, Martin	79/01/01	80/12/31
Shohet, J. Leon	81/01/01	82/12/31
Maninger, R. Carroll	83/01/01	84/12/31
Corte, Ernesto A.	85/01/01	86/12/31
Martin, John A.	87/01/01	88/12/31
Dawson, W. Kenneth	89/01/01	90/12/31
Larsen, Raymond S.	91/01/01	92/12/31
Flescher, Harold L.	93/01/01	94/12/31
Nalcioglu, Orhan	95/01/01	96/12/31
Clout, Peter N.	97/01/01	98/12/31
Jaszczak, Ronald J.	99/01/01	00/12/31
Alexeff, Igor	01/01/01	02/12/31
Winokur, Peter S.	03/01/01	04/12/31

Division IV Director

Pugh, Emerson W.	83/01/01	84/12/31
Tomiyasu, Kiyo	85/01/01	86/12/31
Thiele, Gary A.	87/01/01	88/12/31
Carlson, B. Leonard	89/01/01	90/12/31
Schneider, Martin V.	91/01/01	92/12/31
Dawson, W. Kenneth	93/01/01	94/12/31
Jansen, Rolf H.	95/01/01	96/12/31
Duff, William G.	97/01/01	98/12/31
Gjertson, William G.	99/01/01	00/12/31
Staecker, Peter W.	01/01/01	02/12/31
Flescher, Harold L.	03/01/01	04/12/31

NPSS Ad Com Membership History

Elected Administrative Committee Member

Member

Butenhoff, R.L.	71/01/01	74/12/31	Barsotti, E.J.	82/01/01	85/12/31
Larsen, Raymond S.	71/01/01	74/12/31	Brill, A. Bertrand	82/01/01	85/12/31
Martin, John A.	71/01/01	74/12/31	Fleischmann, Hans H.	82/01/01	85/12/31
			Wagner, Sanford	82/01/01	85/12/31
Kirsten, Frederick A.	72/01/01	75/12/31	Bushnell, Charles W.	83/01/01	86/12/31
Thomas, H.A.	72/01/01	75/12/31	Duncan, J.L.	83/01/01	86/12/31
Van Ness, Hugh W.	72/01/01	75/12/31	Flescher, Harold L.	83/01/01	86/12/31
			Martin, John A.	83/01/01	86/12/31
Harrison, S.E.	73/01/01	76/12/31	Dawson, W. Kenneth	84/01/01	87/12/31
Kerns, Q.A.	73/01/01	76/12/31	Harris, Harlan Ward	84/01/01	87/12/31
Wharton, C.B.	73/01/01	76/12/31	Rice, B. M.	84/01/01	87/12/31
			Ripin, Barry H.	84/01/01	87/12/31
Blewett, John P.	74/01/01	77/12/31	Alcock, A. John	85/01/01	88/12/31
Caldwell, R.S.	74/01/01	77/12/31	Bellian, Joseph G.	85/01/01	88/12/31
Fowler, I.L.	74/01/01	77/12/31	Sweeney, Mary Ann	85/01/01	88/12/31
Roth, J. Reece	74/01/01	77/12/31	Swinth, Kenneth L.	85/01/01	88/12/31
Crawford, Fredrick W.	75/01/01	78/12/31	Kerns, Sherra E.	86/01/01	89/12/31
Oswald, Jr., Robert B.	75/01/01	78/12/31	Larsen, Raymond S.	86/01/01	89/12/31
Plotkin, Martin	75/01/01	78/12/31	Radeka, Veljko	86/01/01	89/12/31
Smith, Bob H.	75/01/01	78/12/31	Singh, Manbir	86/01/01	89/12/31
Gore, R.A.	76/01/01	79/12/31	Clout, Peter N.	87/01/01	90/12/31
Kemp, E.L.	76/01/01	79/12/31	Galloway, Kenneth F.	87/01/01	90/12/31
Oakes, Lester C.	76/01/01	79/12/31	Gwyn, Charles W.	87/01/01	90/12/31
Williams, C.W.	76/01/01	79/12/31	Reginato, Louis L.	87/01/01	90/12/31
Kristiansen, M. (Kris)	77/01/01	80/12/31	Correia, John A.	88/01/01	91/12/31
Phelps, Jr., Paul L.	77/01/01	80/12/31	Corte, Ernesto A.	88/01/01	91/12/31
Shohet, J. Leon	77/01/01	80/12/31	Hershkowitz, Noah	88/01/01	91/12/31
Wagner, Lee J.	77/01/01	80/12/31	Murray, Jr., Holt	88/01/01	91/12/31
Detko, John	78/01/01	81/12/31	Armantrout, Guy A.	89/01/01	92/12/31
Engelhardt, Albert A.	78/01/01	81/12/31	Llacer, Jorge	89/01/01	91/12/31
Stripeika, A.L.	78/01/01	81/12/31	Maenchen, John E.	89/01/01	92/12/31
			Whitney, R. Roy	89/01/01	91/12/31
Allen, M.A.	79/01/01	82/12/31	Flescher, Harold L.	90/01/01	93/12/31
Gitomer, Steven J.	79/01/01	82/12/31	Persyk, Dennis E.	90/01/01	91/12/31
Hood, J.A.	79/01/01	82/12/31	Rogoff, Gerald L.	90/01/01	93/12/31
Trainor, James H.	79/01/01	82/12/31	Stilwell, Donald E.	90/01/01	93/12/31
Alexeff, Igor	80/01/01	83/12/31	Klaisner, Lowell A.	92/01/01	93/12/31
Corte, Ernesto A.	80/01/01	83/12/31	Buchanan, Bobby L.	91/01/01	94/12/31
Hickok, R.L.	80/01/01	83/12/31	Johnston, Allan H.	91/01/01	94/12/31
Walter, John	80/01/01	83/12/31	Nalcioğlu, Orhan	91/01/01	94/12/31
Kirsten, Frederick A.	81/01/01	84/12/31	van Steenberg, Arie	91/01/01	94/12/31
Maninger, R. Carroll	81/01/01	84/12/31			
McLean, E.A.	81/01/01	84/12/31			
Schwirzke, Fred R.	81/01/01	84/12/31			

NPSS Ad Com Membership History

Dawson Larsen, Alberta M.	92/01/01	95/12/31	Britton, Charles L.	99/01/01	02/12/31
Fleischmann, Hans H.	92/01/01	95/12/31	Hoffman, Edward J.	99/01/01	02/12/31
Newberry, Deb M.	92/01/01	95/12/31	Todd, Alan M.M.	99/01/01	02/12/31
Roth, J. Reece	92/01/01	95/12/31	Winokur, Peter S.	99/01/01	02/12/31
Bauer, Martin L.	93/01/01	96/12/31	Callis, Richard W.	00/01/01	03/12/31
Clout, Peter N.	93/01/01	96/12/31	Galloway, Kenneth F.	00/01/01	03/12/31
Connor, Kenneth A.	93/01/01	96/12/31	Ishihara, Osamu	00/01/01	03/12/31
Simons, Mayrant	93/01/01	96/12/31	Schamiloglu, Edl	00/01/01	03/12/31
Bugg, William M.	94/01/01	97/12/31	Heijne, Erik	01/01/01	04/12/31
Granatstein, Victor L.	94/01/01	97/12/31	Lewellen, Tom K.	01/01/01	04/12/31
Heijne, Erik	94/01/01	97/12/31	Rader, Mark	01/01/01	04/12/31
Passenheim, Burr	94/01/01	97/12/31	Unterweger, Michael	01/01/01	04/12/31
Coss, James R.	95/01/01	98/12/31	Brown, Dennis B.	02/01/01	05/12/31
Jaszczak, Ronald J.	95/01/01	98/12/31	Laroussi, Mounir	02/01/01	05/12/31
Shafer, Bob	95/01/01	98/12/31	LeD, Patrick	02/01/01	05/12/31
Spratt, James P.	95/01/01	98/12/31	Moses, William W.	02/01/01	05/12/31
Alexeff, Igor	96/01/01	99/12/31	Benedetto, Joseph	03/01/01	06/12/31
Kristiansen, M. (Kris)	96/01/01	99/12/31	Gullberg, Grant T.	03/01/01	06/12/31
Miley, George H.	96/01/01	99/12/31	Knoll, Glenn F.	03/01/01	06/12/31
Moses, William W.	96/01/01	99/12/31	O'Shea, Patrick	03/01/01	06/12/31
Alley, Gary T.	97/01/01	00/12/31	Gold, Steven H.	04/01/01	07/12/31
Asmussen, Jes	97/01/01	00/12/31	Johnston, Allan H.	04/01/01	07/12/31
Brown, Bruce C.	97/01/01	00/12/31	Lehr, Jane M.	04/01/01	07/12/31
Cutler, Roy I.	97/01/01	00/12/31	Neumeyer, Charles L.	04/01/01	07/12/31
Blanar, George J.	98/01/01	01/12/31			
Hopkins, Mark A.	98/01/01	01/12/31			
Kouzes, Richard T.	98/01/01	01/12/31			
Peratt, Anthony L.	98/01/01	01/12/31			

History of NPSS Committee Membership

John N. Aarsvold

Nuclear Medical and Imaging Sciences Technical Committee		
Secretary	97/01/01	00/12/31
Member	03/01/01	05/12/31

Barbara Abraham-Shrauner

Plasma Science and Applications Technical Committee		
ExCom 1998	96/01/01	98/12/31

Chris Adolphsen

Particle Accelerator Science and Technology Technical Committee		
Member	04/01/01	

Forrest J. Agee

Plasma Science and Applications Technical Committee		
ExCom 2001	99/01/01	01/12/31
ExCom 2005	03/01/01	05/12/31

A. John Alcock

Elected Administrative Committee Member		
Member	85/01/01	88/12/31
Plasma Science and Applications Technical Committee		
Chairman	85/01/01	86/12/31
International Conference on Plasma Science		
General Chairman	82/01/01	82/12/31

Igor Alexeff

Adcom Officers		
President	99/01/01	00/12/31
Vice President	83/01/01	83/12/31
Vice President	98/01/01	98/12/31
Past President	01/01/01	02/12/31
Elected Administrative Committee Member		
Member	80/01/01	83/12/31
Member	96/01/01	99/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Member	99/01/01	02/12/31
Plasma Science and Applications Technical Committee		
Chairman	83/01/01	84/12/31
ExCom 1993	91/01/01	93/12/31
AdCom	96/01/01	98/12/31
AdCom	99/01/01	
Founder/Archivist	01/01/01	01/12/31
Awards Committee		
Chairman	03/01/01	
Member	01/01/01	02/12/31
Chapter and Local Activities Committee		
Chairman	84/01/01	87/12/31
Communications Committee		
Member	01/01/01	
Fellow Candidate Evaluation Committee		
Chairman	82/01/01	82/12/31
Member	94/01/01	98/12/31
Finance Committee		
Member		92/12/31
Conference Policy Committee		
President	99/01/01	00/12/31
Nominating Committee		
Chairman	01/01/01	02/12/31
Ex officio (President)	99/01/01	00/12/31
International Conference on Plasma Science		
General Chairman	74/01/01	74/12/31

Colin J. Allan

Reactor Instrumentation and Control Committee		
Member		98/12/31

David J. Allard

Nuclear Instruments and Detectors Standards Technical Committee		
Member	93/01/01	03/12/31

M.A. Allen

Elected Administrative Committee Member		
Member	79/01/01	82/12/31
Particle Accelerator Science and Technology Technical Committee		
Chairman	83/01/01	85/12/31
Chairman	98/01/01	00/12/31
Member		01/12/31
Awards Committee		
Member		92/12/31
TC Member	98/01/01	98/12/31
Fellow Candidate Evaluation Committee		
Member		92/12/31
Conference Policy Committee		
Chair, PAST	98/01/01	00/12/31
Nominating Committee		
PAST Representative	98/01/01	00/12/31
Particle Accelerator Conference		
General Chairman	91/01/01	91/12/31

Gary T. Alley

Elected Administrative Committee Member		
Member	97/01/01	00/12/31
Radiation Instrumentation Technical Committee		
Member	00/01/01	00/12/31
Member	95/01/01	00/12/31
Continuing Education Committee		
Chairman	94/01/01	99/12/31
Member-at-Large		93/12/31
Conference Policy Committee		
Chair, Education Com.	96/01/01	00/12/31

Pedro M. Almeida

Chapter and Local Activities Committee		
Chapter Chair	01/01/01	02/12/31

Sandra L. Anderson

Radiation Effects Technical Committee		
Treasurer		92/12/31

Tom M. Antonsen

Plasma Science and Applications Technical Committee		
ExCom 2000	98/01/01	00/12/31

W.B. Ard

International Conference on Plasma Science		
Program Chairman	84/01/01	84/12/31

Itsu Arimura

Nuclear and Space Radiation Effects Conference		
General Chairman	81/01/01	81/12/31
Program Chairman	75/01/01	75/12/31

Guy A. Armantrout

Elected Administrative Committee Member		
Member	89/01/01	92/12/31
Environmental Instrumentation, Measurement & Monitoring Com.		
Chairman	89/01/01	92/12/31
Member	93/01/01	95/12/31
Radiation Instrumentation Technical Committee		
Member	00/01/01	01/12/31
Member	96/01/01	97/12/31
Member	99/01/01	01/12/31
Continuing Education Committee		
Member-at-Large		99/12/31
Conference Policy Committee		
Chair, 1995 NSS	96/01/01	96/12/31
NSS Committee		
1995 General Chair	92/01/01	95/12/31
Nuclear Science Symposium		
General Chairman	95/01/01	95/12/31
Program Chairman	89/01/01	89/12/31
Program Chairman	91/01/01	91/12/31

Carter M. Armstrong

Plasma Science and Applications Technical Committee		
ExCom 1999	97/01/01	99/12/31

History of NPSS Committee Membership

Jes Asmussen

Elected Administrative Committee Member		
Member	97/01/01	00/12/31
Plasma Science and Applications Technical Committee		
AdCom	97/01/01	00/12/31
2006 ICOPS Chairman	02/01/01	

Muzaffer Atac

Nuclear Instruments and Detectors Standards Technical Committee		
Member		91/12/31
Nuclear Science Symposium Program Chairman	88/01/01	88/12/31

Virginia Ayres

Plasma Science and Applications Technical Committee		
Chairman	99/01/01	00/12/31
ExCom 1999	97/01/01	99/12/31
Finance Committee		
Member	99/01/01	00/12/31
Conference Policy Committee		
Chair, PSAC	99/01/01	00/12/31

Virginia M. Ayres

Plasma Science and Applications Technical Committee		
Past Chairman	01/01/01	02/12/31
Nominating Committee		
PSAC Representative	99/01/01	00/12/31

R. Sachidananda Babu

Nuclear Instruments and Detectors Standards Technical Committee		
Member	00/01/01	03/12/31

William L. Baker

Pulsed Power Science and Technology Committee		
Chairman	97/01/01	99/12/31
Past Chair	01/01/01	01/12/31
Chair IEEE Fellows Committee	04/01/01	
Member	95/01/01	96/12/31
Member	00/01/01	00/12/31
Awards Committee		
TC Member	97/01/01	98/12/31
Member	99/01/01	00/12/31
Conference Policy Committee		
Chair, PP	98/01/01	99/12/31
Nominating Committee		
PP Representative	97/01/01	99/12/31
Pulsed Power Conference		
Program Chairman	96/01/01	96/12/31

Jim Ball

Particle Accelerator Science and Technology Technical Committee		
Member	99/01/01	99/12/31

Robert J. Barker

Plasma Science and Applications Technical Committee		
Chairman	93/01/01	94/12/31
Vice-Chairman	92/01/01	92/12/31
Past Chairman	95/01/01	96/12/31
ExCom 1993	91/01/01	93/12/31
ExCom 1999	97/01/01	99/12/31
ExCom 2006	04/01/01	06/12/31
Awards	99/01/01	00/12/31
2001 ICOPS Co-Chair	01/01/01	01/12/31
Nominating Committee		
PSAC Representative	93/01/01	95/12/31
PSAC Representative	01/01/01	02/12/31

William A. Barletta

Particle Accelerator Science and Technology Technical Committee		
Member	99/01/01	

Charles E. Barnes

Radiation Effects Technical Committee		
Senior Member-at-Large	93/08/01	94/07/31
Nuclear and Space Radiation Effects Conference		
General Chairman	91/01/01	91/12/31

E.J. Barsotti

Elected Administrative Committee Member		
Member	82/01/01	85/12/31
Computer Applications in Nuclear and Plasma Science Technical Committee		
Chairman	84/01/01	86/12/31
Member	84/01/01	96/12/31
Radiation Instrumentation Technical Committee		
NSS Conference Editor	95/01/01	97/12/31
Awards Committee		
Member		94/12/31
Conference Policy Committee		
TNS Conference Editor	96/01/01	98/12/31
NSS Committee		
1989 General Chair	92/01/01	92/12/31
TNS Conference Editor	94/01/01	95/12/31
Publications Committee		
Conf. Ed., TNS	94/01/01	98/12/31
Nuclear Science Symposium		
General Chairman	88/01/01	88/12/31

Janet L. Barth

Radiation Effects Technical Committee		
Junior Member-at-Large	01/08/01	02/07/31
Chairman 2006 Conference	03/01/01	
Publications Committee		
Conf. Ed., NSREC	01/01/01	01/12/31

Mark Q. Barton

Particle Accelerator Science and Technology Technical Committee		
Chairman	86/01/01	89/12/31

T.H. Batzer

Fusion Technology Technical Committee		
Chairman	77/01/01	80/12/31
Symposium on Fusion Engineering		
General Chairman	79/01/01	79/12/31

Martin L. Bauer

Elected Administrative Committee Member		
Member	93/01/01	96/12/31
Environmental Instrumentation, Measurement & Monitoring Com.		
Chairman	94/01/01	95/12/31
Radiation Instrumentation Technical Committee		
Chairman	95/01/01	95/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Member	91/01/01	95/12/31
Finance Committee		
Member	95/01/01	95/12/31
Nominating Committee		
EIMM Representative	94/01/01	95/12/31

Robert N. Beck

Nuclear Medical and Imaging Sciences Technical Committee		
Member		95/12/31

Freek Beekman

Transnational Committee		
Member	01/01/01	

Zane W. Bell

Radiation Instrumentation Technical Committee		
Member	02/01/01	04/12/31

Joseph G. Bellian

Elected Administrative Committee Member		
Member	85/01/01	88/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Member		02/12/31

Ilan Ben-Zvi

Particle Accelerator Science and Technology Technical Committee		
Member	99/01/01	03/12/31

Dennis B. Benedetto

Radiation Effects Technical Committee		
Ad Com Member	03/01/01	06/12/31

History of NPSS Committee Membership

Joseph Benedetto Elected Administrative Committee Member Member	03/01/01	06/12/31		
David Benenson International Conference on Plasma Science General Chairman	89/01/01	89/12/31		
James N. Benford Plasma Science and Applications Technical Committee ExCom 1994 ExCom 1999 International Conference on Plasma Science General Chairman	92/01/01 97/01/01 90/01/01	94/12/31 99/12/31 90/12/31		
Klaus H. Berkner Particle Accelerator Science and Technology Technical Committee Member Particle Accelerator Conference Program Chairman		94/12/31 91/12/31		
Stephen E. Bernacki Radiation Effects Technical Committee Senior Member-at-Large Member-at-Large	98/08/01 97/08/01	99/07/31 98/07/31		
Steve E. Bernacki Radiation Effects Technical Committee Junior Member-at-Large	96/08/01	97/07/31		
Martin Berndt Chapter and Local Activities Committee Chapter Chair		95/06/30		
Bernard H. Bernstein Pulsed Power Science and Technology Committee Secretary Member	95/01/01 95/01/01	96/12/31 98/12/31		
Steve Berridge Nuclear Instruments and Detectors Standards Technical Committee Member	00/01/01	02/12/31		
Vinod Bharadwaj Particle Accelerator Science and Technology Technical Committee Member		94/12/31		
J.A. Biggerstaff Nuclear Science Symposium Program Chairman	86/01/01	86/12/31		
O.W. Bilharz, Jr Membership Development Committee Chairman Nominating Committee Chairman	69/01/01 70/01/01	72/12/31 70/12/31		
Charles K. Birdsall Plasma Science and Applications Technical Committee ExCom 1994	92/01/01	94/12/31		
Joseph J. Bisognano Particle Accelerator Science and Technology Technical Committee Member Particle Accelerator Conference Program Chairman	95/01/01 93/01/01	99/12/31 93/12/31		
Jeffrey D. Black Radiation Effects Technical Committee Secretary	03/08/01			
Kevin O. Blackwell Continuing Education Committee Technical Rep.		93/12/31		
George J. Blonar Elected Administrative Committee Member Member	98/01/01	01/12/31		
Monica Blank Plasma Science and Applications Technical Committee ExCom 2003 Awards	01/01/01 02/01/01	03/12/31		
John P. Blewett Elected Administrative Committee Member Member Particle Accelerator Science and Technology Technical Committee Chairman Fellow Candidate Evaluation Committee Chairman	74/01/01 71/01/01 76/01/01	77/12/31 73/12/31 77/12/31		
Roger W. Boom Fusion Technology Technical Committee Chairman	84/01/01	87/12/31		
John H. Booske Plasma Science and Applications Technical Committee ExCom 1995 Membership	93/01/01 96/01/01	95/12/31 98/12/31		
Christian Boulin Computer Applications in Nuclear and Plasma Science Technical Committee Chairman Member Nominating Committee CANPS Representative Transnational Committee Member		01/01/01 99/01/01 01/01/01 01/01/01	00/12/31	
Mary L. Brake Plasma Science and Applications Technical Committee Secretary ExCom 2002	95/01/01 00/01/01	96/12/31 02/12/31		
Hugh R. Brashear NSS Committee Member-at-large		92/01/01 95/12/31		
Uwe Bratzler Radiation Instrumentation Technical Committee Member Transnational Committee Member Nuclear Science Symposium NSS Program Chair		04/01/01 01/01/01 03/01/01	06/12/31	03/12/31
James E. Brau Nuclear Science Symposium NSS Program Chair	97/01/01	97/12/31		
Benoit G. Brichard Chapter and Local Activities Committee Chapter Chair	03/01/01	03/12/31		

History of NPSS Committee Membership

A. Bertrand Brill

Elected Administrative Committee Member		
Member	82/01/01	85/12/31
Radiation Instrumentation Technical Committee		
Member	96/01/01	97/12/31
Nuclear Medical and Imaging Sciences Technical Committee		
Chairman	76/01/01	76/12/31
Member	97/01/01	99/12/31
Awards Committee		
Member	93/01/01	95/12/31
Member	99/01/01	02/12/31
Fellow Candidate Evaluation Committee		
Member	93/01/01	93/12/31
Member	03/01/01	
Conference Policy Committee		
Member-at-Large	99/01/01	00/12/31
Nominating Committee		
Chairman	93/01/01	96/12/31
Publications Committee		
Editor, TMI	82/01/01	91/12/31
TMI Steering Committee Rep.	92/01/01	96/12/31
Students and Careers Committee		
Member		92/12/31
TMI Steering Committee Representative	92/01/01	

Charles L. Britton

Elected Administrative Committee Member		
Member	99/01/01	02/12/31
Radiation Instrumentation Technical Committee		
NSS Conference Editor	00/01/01	00/12/31
Member	98/01/01	99/12/31
Conference Policy Committee		
TNS Conference Editor	99/01/01	00/12/31
Publications Committee		
Conf. Ed., TNS	99/01/01	00/12/31

Bruce C. Brown

Elected Administrative Committee Member		
Member	97/01/01	00/12/31
Particle Accelerator Science and Technology Technical Committee		
Chairman	01/01/01	
Member	97/01/01	
Nominating Committee		
PAST Representative	01/01/01	

Dennis B. Brown

Elected Administrative Committee Member		
Member	02/01/01	05/12/31
Radiation Effects Technical Committee		
Vice-Chairman Publications	97/08/01	00/07/31
Chairman 1997 Conference	95/01/01	98/12/31
Ad Com Member	02/01/01	05/12/31
Nuclear and Space Radiation Effects Conference		
General Chairman	97/01/01	97/12/31

Ian G. Brown

Plasma Science and Applications Technical Committee		
Vice-Chairman	93/01/01	93/12/31
ExCom 1993	91/01/01	93/12/31
ExCom 2002	00/01/01	02/12/31

Bobby L. Buchanan

Elected Administrative Committee Member		
Member	91/01/01	94/12/31
Radiation Effects Technical Committee		
Ex-Officio Member	91/01/01	94/12/31
Nuclear and Space Radiation Effects Conference		
General Chairman	88/01/01	88/12/31
Program Chairman	86/01/01	86/12/31

Thomas F. Budinger

Nuclear Medical and Imaging Sciences Technical Committee		
Member		94/12/31

William M. Bugg

Adcom Officers		
Vice President	97/01/01	97/12/31
Elected Administrative Committee Member		
Member	94/01/01	97/12/31
Radiation Instrumentation Technical Committee		
Member	96/01/01	97/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Chairman	99/01/01	02/12/31
Member	93/01/01	98/12/31
Conference Policy Committee		
Chair, NIDCOM	99/01/01	00/12/31
Nominating Committee		
NID Representative	00/01/01	02/12/31
Nuclear Science Symposium		
NSS Program Chair	96/01/01	96/12/31

Edward A. Burke

Nuclear and Space Radiation Effects Conference		
General Chairman	74/01/01	74/12/31

L.M. Burrage

Adcom Officers		
Secretary	80/01/01	80/12/31

Charles W. Bushnell

Adcom Officers		
Vice President	85/01/01	85/12/31
Elected Administrative Committee Member		
Member	83/01/01	86/12/31
Fusion Technology Technical Committee		
Member		91/12/31

R.L. Butenhoff

Elected Administrative Committee Member		
Member	71/01/01	74/12/31

Jennifer M. Butler

Plasma Science and Applications Technical Committee		
ExCom 1998	96/01/01	98/12/31

R.S. Caldwell

Adcom Officers		
Vice President	77/01/01	77/12/31
Elected Administrative Committee Member		
Member	74/01/01	77/12/31
Radiation Effects Technical Committee		
Chairman	77/01/01	79/12/31
Nuclear and Space Radiation Effects Conference		
General Chairman	72/01/01	72/12/31

Richard W. Callis

Elected Administrative Committee Member		
Member	00/01/01	03/12/31
Fusion Technology Technical Committee		
Chairman	92/01/01	95/12/31
Member		
Conference Policy Committee		
Chair, Fusion Tech.	00/01/01	00/12/31
Nominating Committee		
FT Representative	92/01/01	95/12/31
Symposium on Fusion Engineering		
General Chairman	91/01/01	91/12/31
General Chairman	03/01/01	03/12/31

Philippe Calvel

Radiation Effects Technical Committee		
Senior Member-at-Large	94/08/01	95/07/31
RADECS Liaison	95/08/01	00/07/31

B. Leonard Carlson

Adcom Officers		
Division IV Director	89/01/01	90/12/31

John Robert Cary

Particle Accelerator Science and Technology Technical Committee		
Member	02/01/01	

History of NPSS Committee Membership

Robert Cauble

Plasma Science and Applications Technical Committee		
ExCom 2004	02/01/01	04/12/31
2005 ICOPS Chairman	02/01/01	
International Conference on Plasma Science		
General Chairman	05/01/01	05/12/31

Anna M. Celler

Radiation Instrumentation Technical Committee		
NMISTC Liaison	99/01/01	99/12/31
Nuclear Medical and Imaging Sciences Technical Committee		
Chairperson	98/01/01	99/12/31
Most Recent Past Chairperson	00/01/01	01/12/31
Member	97/01/01	00/12/31
Awards Committee		
TC Member	98/01/01	98/12/31
Conference Policy Committee		
Chair, NMIS	98/01/01	99/12/31
Nominating Committee		
NIMS Representative	98/01/01	98/12/31

Chung Chan

Plasma Science and Applications Technical Committee		
ExCom 2001	99/01/01	01/12/31
1996 ICOPS Chairman	93/01/01	97/12/31
International Conference on Plasma Science		
General Chairman	96/01/01	96/12/31

Swapan Chattopadhyay

Particle Accelerator Science and Technology Technical Committee		
Member	02/01/01	

Simon R. Cherry

Nuclear Medical and Imaging Sciences Technical Committee		
Member	94/01/01	98/12/31
2005 MIC Chair	04/01/01	
Continuing Education Committee		
Technical Rep.	95/01/01	99/12/31

Junsei Chiba

Computer Applications in Nuclear and Plasma Science Technical Committee		
Member	93/01/01	96/12/31

Yanglai Cho

Particle Accelerator Science and Technology Technical Committee		
Member	95/01/01	
Conference Policy Committee		
Chair, 2001 PAC	99/01/01	00/12/31
Particle Accelerator Conference		
General Chairman	01/01/01	01/12/31
Program Chairman	89/01/01	89/12/31

Z.H. Cho

Nuclear Medical and Imaging Sciences Technical Committee		
Member		94/12/31
TMI Steering Committee		
Representative	86/01/01	91/12/31

Kwo Ray Chu

Plasma Science and Applications Technical Committee		
ExCom 2006	04/01/01	06/12/31

Kyu-Sun Chung

Plasma Science and Applications Technical Committee		
2003 ICOPS Chairman	01/01/01	
International Conference on Plasma Science		
General Chairman	03/01/01	03/12/31

Steven L. Clark

Radiation Effects Technical Committee		
Junior Member-at-Large	03/08/01	04/07/31

Philippe Clavel

Radiation Effects Technical Committee		
Member-at-Large	93/08/01	94/07/31

Bruce R. Clegg

COMAR		
Representative	87/07/01	90/12/31

Neal H. Clinthorne

Continuing Education Committee		
Member-at-Large	96/01/01	99/12/31

Peter N. Clout

Adcom Officers		
President	95/01/01	96/12/31
Vice President	94/01/01	94/12/31
Secretary	90/01/01	90/12/31
Secretary	92/01/01	94/12/31
Past President	97/01/01	98/12/31
Elected Administrative Committee Member		
Member	87/01/01	90/12/31
Member	93/01/01	96/12/31
Computer Applications in Nuclear and Plasma Science Technical Committee		
Member	84/01/01	
Particle Accelerator Science and Technology Technical Committee		
Member	86/01/01	94/12/31
Awards Committee		
Chairman	99/01/01	00/12/31
Member	95/01/01	96/12/31
Communications Committee		
Chairman	01/01/01	
Conference Policy Committee		
President	95/01/01	96/12/31
Nominating Committee		
Chairman	97/01/01	98/12/31
Ex officio (President)	95/01/01	96/12/31
Past Committee Chair	99/01/01	00/12/31
TAB Public Relation Committee		
Representative	94/06/01	96/12/31

Francis T. Cole

Particle Accelerator Conference		
General Chairman	89/01/01	89/12/31

J.A. Coleman

Adcom Officers		
Secretary	73/01/01	73/12/31
Awards Committee		
Chairman	69/01/01	71/12/31
Nuclear Science Symposium		
General Chairman	70/01/01	70/12/31

Joseph H. Coleman

Nuclear Instruments and Detectors Standards Technical Committee		
Member		91/12/31

Robert J. Comisso

Plasma Science and Applications Technical Committee		
ExCom 1994	92/01/01	94/12/31
ExCom 1999	97/01/01	99/12/31
2004 ICOPS Chairman	01/01/01	
International Conference on Plasma Science		
General Chairman	04/01/01	04/12/31

Kenneth A. Connor

Elected Administrative Committee Member		
Member	93/01/01	96/12/31
Plasma Science and Applications Technical Committee		
AdCom	93/01/01	96/12/31
Web Coordinator	98/01/01	99/12/31
Communications Committee		
Member	01/01/01	
Students and Careers Committee		
Chairman	96/01/01	03/12/31
Member	93/01/01	03/12/31

Dominick Conte

Plasma Science and Applications Technical Committee		
ExCom 1991	89/01/01	91/12/31

History of NPSS Committee Membership

David C. Cook				Clifton C. Courtney			
Nuclear Instruments and Detectors Standards Technical Committee				Chapter and Local Activities Committee			
	Chairman	79/01/01	84/12/31	Chapter Chair		99/01/01	00/12/31
	Member		91/12/31				
Publications Committee				Christine Coverdale			
	Historian	76/01/01	90/12/31	Plasma Science and Applications Technical Committee			
CSIT				Vice-Chairperson			
	Representative	76/01/01	90/12/31	ExCom 2003		03/01/01	03/12/31
Nuclear Science Symposium				PSAC Constitution & Bylaws			
	General Chairman	74/01/01	74/12/31				
	General Chairman	76/01/01	76/12/31				
	Program Chairman	82/01/01	82/12/31				
Donald L. Cook				Christopher Cox			
Fusion Technology Technical Committee				Nuclear Instruments and Detectors Standards Technical Committee			
	Member		95/12/31	Member			
Particle Accelerator Science and Technology Technical Committee							
	Member	95/01/01	99/12/31				
Gerald Cooperstein				Michael K. Craddock			
Pulsed Power Science and Technology Committee				Particle Accelerator Science and Technology Technical Committee			
	Chair, Awards Committee	04/01/01		Member			
	Member	95/01/01	03/12/31	Conference Policy Committee			
Pulsed Power Conference				Chair, 1997 PAC			
	Program Chairman	97/01/01	97/12/31	Particle Accelerator Conference		97/01/01	00/12/31
				General Chairman			
				General Chairman			
						85/01/01	85/12/31
						97/01/01	97/12/31
Bruce Cork				Fredrick W. Crawford			
Particle Accelerator Conference				Elected Administrative Committee Member			
	General Chairman	71/01/01	71/12/31	Member			
						75/01/01	78/12/31
John A. Correia				Lawrence E. Crooks			
Elected Administrative Committee Member				Nuclear Medical and Imaging Sciences Technical Committee			
	Member	88/01/01	91/12/31	Member			
				Students and Careers Committee			
				Member			
						92/12/31	
Ernesto A. Corte				Adrian Cross			
Adcom Officers				Plasma Science and Applications Technical Committee			
	President	83/01/01	84/12/31	ExCom 2006			
	Vice President	76/01/01	76/12/31	04/01/01			
	Past President	85/01/01	86/12/31	06/12/31			
Elected Administrative Committee Member				O.L. Curtis			
	Member	80/01/01	83/12/31	Radiation Effects Technical Committee			
	Member	88/01/01	91/12/31	Chairman			
Reactor Instrumentation and Control Committee							
	Chairman	77/01/01	79/12/31				
	Member		98/12/31				
James R. Coss				Roy I. Cutler			
Elected Administrative Committee Member				Elected Administrative Committee Member			
	Member	95/01/01	98/12/31	Member			
Radiation Effects Technical Committee				Awards Committee			
	Ex-Officio Member	95/01/01	98/12/31	Member			
						99/01/01	99/12/31
Louis Costrell				Mary K. D'Ordine			
Computer Applications in Nuclear and Plasma Science Technical Committee				Radiation Effects Technical Committee			
	Member	84/01/01	92/12/31	Secretary			
Nuclear Instruments and Detectors Standards Technical Committee							
	Secretary		02/12/31				
Particle Accelerator Science and Technology Technical Committee				Magnus Dahlbom			
	Member			Radiation Instrumentation Technical Committee			
Annual Meetings Committee				NMISTC Chairman			
	Chairman	69/01/01	91/12/31	04/01/01			
Continuing Education Committee				Nuclear Medical and Imaging Sciences Technical Committee			
	Member-at-Large		99/12/31	Chairperson			
Fellow Candidate Evaluation Committee				Vice-Chair			
	Chairman	75/01/01	75/12/31	Member		03/01/01	03/12/31
Conference Policy Committee				Member			
	CoChair	92/01/01	00/12/31	Member		94/01/01	97/12/31
	Member	01/01/01		Nominating Committee			
Nominating Committee				NIMS Representative			
	Chairman	77/01/01	90/12/31	04/01/01			
NSS Committee							
	Member-at-large	92/01/01	95/12/31				
Nuclear Science Symposium							
	Program Chairman	76/01/01	76/12/31				
				Chris Damerell			
				Nuclear Science Symposium			
				NSS Program Chair			
						00/01/01	00/12/31
Larry Darken				Margaret E. Daube-Witherspoon			
Nuclear Instruments and Detectors Standards Technical Committee				Nuclear Medical and Imaging Sciences Technical Committee			
	Member		02/12/31	Awards Chair			
				Member			
						04/01/01	04/12/31
						02/01/01	

History of NPSS Committee Membership

John W. Dawson

Radiation Instrumentation Technical Committee		
Conferences, NSS Committee	95/01/01	95/12/31
NSS Committee		
Chairman	94/01/01	95/12/31
1992 General Chair	92/01/01	95/12/31
Nuclear Science Symposium		
General Chairman	92/01/01	92/12/31

W. Kenneth Dawson

Adcom Officers		
President	87/01/01	88/12/31
Secretary	85/01/01	86/12/31
Past President	89/01/01	90/12/31
Division IV Director	93/01/01	94/12/31
Elected Administrative Committee Member		
Member	84/01/01	87/12/31
Computer Applications in Nuclear and Plasma Science Technical Committee		
Member	84/01/01	
Radiation Instrumentation Technical Committee		
Member	96/01/01	97/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Member		03/12/31
Particle Accelerator Science and Technology Technical Committee		
Member	95/01/01	99/12/31
Annual Meetings Committee		
Member		91/12/31
Awards Committee		
Member	99/01/01	03/12/31
Continuing Education Committee		
Member-at-Large		99/12/31
Conference Policy Committee		
Newsletter Editor	96/01/01	00/12/31
NSS Committee		
Member-at-large	92/01/01	95/12/31
Publications Committee		
Editor-in-Chief	91/01/01	94/12/31
Editor, Newsletter	94/07/01	04/03/31
IEEE Press		
Representative	91/01/01	94/12/31
Center for the History of Electrical Engineering		
Representative	92/01/01	94/12/31
Nuclear Science Symposium		
Program Chairman	79/01/01	79/12/31
Program Chairman	85/01/01	85/12/31

Alberta M. Dawson Larsen

Adcom Officers		
Secretary	95/01/01	
Elected Administrative Committee Member		
Member	92/01/01	95/12/31
Fusion Technology Technical Committee		
Chairman	96/01/01	98/12/31
Member		99/12/31
Awards Committee		
TC Member	96/01/01	98/12/31
Conference Policy Committee		
NPSS Secretary	99/01/01	00/12/31
Chair, Fusion Tech.	96/01/01	98/12/31
Nominating Committee		
FT Representative	96/01/01	98/12/31
Publications Committee		
Editor, Newsletter	04/04/01	
Symposium on Fusion Engineering		
General Chairman	93/01/01	93/12/31

Christopher Deeney

Plasma Science and Applications Technical Committee		
ExCom 1996	94/01/01	96/12/31
ExCom 2003	01/01/01	03/12/31
ICOPS Site Selection	02/01/01	
ICOPS Minicourse	96/01/01	98/12/31
1999 ICOPS Chairman	96/01/01	99/12/31
Conference Policy Committee		
Chair, 1999 ICOPS	99/01/01	00/12/31
International Conference on Plasma Science		
General Chairman	99/01/01	99/12/31

James Degnan

Plasma Science and Applications Technical Committee		
ExCom 2002	00/01/01	02/12/31
Membership	02/01/01	03/12/31
Pulsed Power Science and Technology Committee		
Member	04/01/01	

Alberto Del Guerra

Radiation Instrumentation Technical Committee		
Member	98/01/01	99/12/31
NSS/MIC 2004	02/01/01	
Nuclear Medical and Imaging Sciences Technical Committee		
Member	04/01/01	06/12/31
Transnational Committee		
Member	01/01/01	
Nuclear Science Symposium		
General Chairman	04/01/01	04/12/31
NSS Program Chair	99/01/01	99/12/31

Gary Derbenwick

Nuclear and Space Radiation Effects Conference		
Program Chairman	80/01/01	80/12/31

Stephen E. Derenzo

Nuclear Medical and Imaging Sciences Technical Committee		
Chairman	88/01/01	91/12/31
Member		99/12/31

John Detko

Elected Administrative Committee Member		
Member	78/01/01	81/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Member		98/12/31

Timothy A. DeVol

Radiation Instrumentation Technical Committee		
Member	00/01/01	01/12/31
NSS/MIC 2000 Site Selection	96/01/01	98/12/31
Member	99/01/01	01/12/31

James C. Dickens

Pulsed Power Science and Technology Committee		
Member	00/01/01	

Eugene L. Dines

Chapter and Local Activities Committee		
Chapter Chair		93/12/31

James N. Doggett

Fusion Technology Technical Committee		
Member		98/12/31
Symposium on Fusion Engineering		
Program Chairman	79/01/01	79/12/31
Program Chairman	87/01/01	87/12/31

F. Patrick Doty

Radiation Instrumentation Technical Committee		
Member	01/01/01	03/12/31
Member	02/01/01	03/12/31

Melissa Rae Douglas

Plasma Science and Applications Technical Committee		
ExCom 2000	98/01/01	00/12/31

History of NPSS Committee Membership

Paul V. Dressendorfer			
Radiation Instrumentation Technical Committee			
TNS Editor	96/01/01	97/12/31	
TNS Editor	00/01/01		
Radiation Effects Technical Committee			
Chairman 1993 Conference	91/01/01	94/12/31	
Special Publications	95/01/01		
Finance Committee			
Member	02/01/01		
Conference Policy Committee			
TNS Editor	96/01/01	00/12/31	
Publications Committee			
Editor-in-Chief	02/01/01		
Editor, TNS	93/01/01		
Assoc. Ed., TNS	90/01/01	92/12/31	
Nuclear and Space Radiation Effects Conference			
General Chairman	93/01/01	93/12/31	
Jean-Pierre Dufey			
Computer Applications in Nuclear and Plasma Science Technical Committee			
Member	01/01/01		
Publications Committee			
Conf. Ed., RTC	96/01/01	98/12/31	
Conf. Ed., RTC	02/01/01		
William G. Duff			
Adcom Officers			
Division IV Director	97/01/01	98/12/31	
Gerald F. Dugan			
Particle Accelerator Science and Technology Technical Committee			
Member		94/12/31	
Member	02/01/01		
J.L. Duncan			
Elected Administrative Committee Member			
Member	83/01/01	86/12/31	
Robert Ecoffet			
Radiation Effects Technical Committee			
RADECS Liaison	0200/08/01		
Robert M. Edwards			
Reactor Instrumentation and Control Committee			
Member	92/01/01	98/12/31	
Thomas D. Ellis			
Nuclear and Space Radiation Effects Conference			
Program Chairman	88/01/01	88/12/31	
David W. Emily			
Radiation Effects Technical Committee			
Secretary	96/08/01	98/07/31	
Senior Member-at-Large	95/08/01	96/07/31	
Member-at-Large	94/08/01	95/07/31	
Junior Member-at-Large	93/08/01	94/07/31	
John C. Engdahl			
Nuclear Medical and Imaging Sciences Technical Committee			
Member	00/01/01	02/12/31	
Albert A. Engelhardt			
Elected Administrative Committee Member			
Member	78/01/01	81/12/31	
Lars A. Eriksson			
Nuclear Medical and Imaging Sciences Technical Committee			
Member	02/01/01	04/12/31	
Rickey J. Faehl			
Plasma Science and Applications Technical Committee			
Vice-Chairman	99/01/01	00/12/31	
ExCom 2000	98/01/01	00/12/31	
Chapter and Local Activities Committee			
Chapter Chair	95/07/01	00/12/31	
Chapter Chair	03/01/01	03/12/31	
Edward Fairstein			
Nuclear Instruments and Detectors Standards Technical Committee			
Member			03/12/31
Fellow Candidate Evaluation Committee			
Member	93/01/01	02/12/31	
Teresa Farris			
Radiation Effects Technical Committee			
Vice-Chairman Publicity	98/08/01		
Robert Fedosejevs			
Plasma Science and Applications Technical Committee			
ExCom 2004	02/01/01	04/12/31	
2002 ICOPS Chairman	00/01/01	03/12/31	
International Conference on Plasma Science			
General Chairman	02/01/01	02/12/31	
Antonio Ferrer			
Computer Applications in Nuclear and Plasma Science Technical Committee			
Member	00/01/01		
Real Time Conference			
General Chairman	01/01/01	01/12/31	
Jeff Fessler			
Nuclear Medical and Imaging Sciences Technical Committee			
Member	04/01/01	06/12/31	
David Finley			
Particle Accelerator Science and Technology Technical Committee			
Member	95/01/01	03/12/31	
Roger L. Fitzwilson			
Nuclear and Space Radiation Effects Conference			
General Chairman	86/01/01	86/12/31	
Terry Flanagan			
Nuclear and Space Radiation Effects Conference			
General Chairman	76/01/01	76/12/31	
Program Chairman	71/01/01	71/12/31	
Daniel M. Fleetwood			
Radiation Effects Technical Committee			
Vice-Chairman Publications	94/08/01	97/07/31	
Chairman 2004 Conference	02/01/01		
Nuclear and Space Radiation Effects Conference			
General Chairman	04/01/01	04/12/31	
Hans H. Fleischmann			
Elected Administrative Committee Member			
Member	82/01/01	85/12/31	
Member	92/01/01	95/12/31	
Plasma Science and Applications Technical Committee			
AdCom	92/01/01	95/12/31	
Students and Careers Committee			
Member	93/01/01	97/12/31	

History of NPSS Committee Membership

Harold L. Flescher

Adcom Officers			
President	91/01/01	92/12/31	
Vice President	86/01/01	86/12/31	
Vice President	90/01/01	90/12/31	
Past President	93/01/01	94/12/31	
Division IV Director	03/01/01	04/12/31	
Elected Administrative Committee Member			
Member	83/01/01	86/12/31	
Member	90/01/01	93/12/31	
Radiation Instrumentation Technical Committee			
Member	96/01/01	97/12/31	
Radiation Effects Technical Committee			
Ex-Officio Member	90/01/01	94/12/31	
Awards Committee			
Member	99/01/01	02/12/31	
Member	04/01/01		
Continuing Education Committee			
Member-at-Large		94/12/31	
Finance Committee			
Chairman	94/01/01		
Member	93/01/01	93/12/31	
Conference Policy Committee			
Member	01/01/01		
Nominating Committee			
Society Past President	91/01/01	94/12/31	
Defense R&D Committee			
Representative	87/06/01	90/12/31	
Nuclear and Space Radiation Effects Conference			
General Chairman	80/01/01	80/12/31	

Richard Foley

Fusion Technology Technical Committee			
Chairman	99/01/01	01/12/31	
Member	96/01/01		
Conference Policy Committee			
Chair, Fusion Tech.	99/01/01	99/12/31	
Nominating Committee			
FT Representative	99/01/01	01/12/31	

Julian Forster

Radiation Instrumentation Technical Committee			
Member	96/01/01	97/12/31	
Continuing Education Committee			
PACE Rep.		99/12/31	
Nominating Committee			
Chairman	69/01/01	69/12/31	
Chairman	71/01/01	72/12/31	
Standards Board			
Representative	76/01/01		
PACE			
Representative	75/01/01		

I.L. Fowler

Elected Administrative Committee Member			
Member	74/01/01	77/12/31	

Ron Fox

Computer Applications in Nuclear and Plasma Science Technical Committee			
Member		96/12/31	
Conference Policy Committee			
Chair, 1995 RTC	96/01/01	96/12/31	
Real Time Conference			
General Chairman	95/01/01	95/12/31	

James P. Frank

Radiation Effects Technical Committee			
Senior Member-at-Large	96/08/01	97/07/31	
Member-at-Large	95/08/01	96/07/31	
Junior Member-at-Large	94/08/01	95/07/31	

Klaus Frank

Chapter and Local Activities Committee			
Chapter Chair	99/01/01		

Arthur R. Frederickson

Chapter and Local Activities Committee			
Chapter Chair		93/12/31	

Richard Freifelder

Radiation Instrumentation Technical Committee			
Member	02/01/01	02/12/31	

Eric C. Frey

Nuclear Medical and Imaging Sciences Technical Committee			
Member	01/01/01	03/12/31	

Richard Friefelder

Radiation Instrumentation Technical Committee			
Member	00/01/01	02/12/31	

Dennis Friesel

Particle Accelerator Science and Technology Technical Committee			
Member	99/01/01	01/12/31	
Member	04/01/01		

Hirofumi Fujii

Computer Applications in Nuclear and Plasma Science Technical Committee			
Member		97/01/01	

Roger Fulton

Radiation Instrumentation Technical Committee			
Member	03/01/01	05/12/31	

John Galayda

Particle Accelerator Science and Technology Technical Committee			
Member		94/12/31	
Member	04/01/01		

Kenneth F. Galloway

Adcom Officers			
Vice President	89/01/01	89/12/31	
Elected Administrative Committee Member			
Member	87/01/01	90/12/31	
Member	00/01/01	03/12/31	
Radiation Effects Technical Committee			
Chairman	92/08/01	95/07/31	
Past Chairman	95/01/01	97/07/31	
Ad Com Member	00/01/01	03/12/31	
Conference Policy Committee			
Member-at-Large	00/01/01	00/12/31	
Nominating Committee			
REC Representative	92/01/01	94/12/31	
Nuclear and Space Radiation Effects Conference			
General Chairman	85/01/01	85/12/31	

Morag Garven

Plasma Science and Applications Technical Committee			
ExCom 2004	02/01/01	04/12/31	

Evangelos Gazis

Transnational Committee			
Member	03/01/01		

Roger A. Gearhart

Radiation Instrumentation Technical Committee			
Member	96/01/01	98/12/31	
Annual Meetings Committee			
Member		91/12/31	
NSS Committee			
1991 General Chair	92/01/01	95/12/31	
Nuclear Science Symposium			
General Chairman	91/01/01	91/12/31	
General Chairman	97/01/01	97/12/31	

Michael Giesselmann

Pulsed Power Science and Technology Committee			
Member	01/01/01		
Pulsed Power Conference			
General Chairman	03/01/01	03/12/31	

Ronald M. Gilgenbach

Plasma Science and Applications Technical Committee			
Vice-Chairman	94/01/01	94/12/31	
Secretary	97/01/01	98/12/31	
ExCom 1994	92/01/01	94/12/31	
Student Travel Grants	96/01/01	98/12/31	

History of NPSS Committee Membership

John Gilligan Plasma Science and Applications Technical Committee ExCom 1991	89/01/01	91/12/31	R.A. Gore Elected Administrative Committee Member Member	76/01/01	79/12/31
John G. Gilligan Plasma Science and Applications Technical Committee 1998 ICOPS Chairman Conference Policy Committee Chair, 1998 ICOPS International Conference on Plasma Science General Chairman	95/01/01	98/12/31	Chris R. Gould Computer Applications in Nuclear and Plasma Science Technical Committee Member		96/12/31
Charles M. Gilman Pulsed Power Science and Technology Committee Member	98/01/01	99/12/31	Frederick S. Goulding Nuclear Instruments and Detectors Standards Technical Committee Member		95/12/31
Steven J. Gitomer Adcom Officers Vice President Secretary Elected Administrative Committee Member Member Plasma Science and Applications Technical Committee Chairman TPS Editor Pulsed Power Science and Technology Committee Editor TPS, ex-officio Finance Committee Member Conference Policy Committee Editor in Chief Nominating Committee Chairman Publications Committee Editor-in-Chief Editor, TPS International Conference on Plasma Science General Chairman	82/01/01 83/01/01 79/01/01 77/01/01 04/01/01 00/01/01 96/01/01 78/01/01 00/01/01 84/01/01 81/01/01	82/12/31 83/12/31 82/12/31 78/12/31 01/12/31 00/12/31 78/12/31 01/12/31 01/12/31 81/12/31	James Gover Nuclear and Space Radiation Effects Conference General Chairman	83/01/01	83/12/31
William G. Gjertson Adcom Officers Division IV Director	99/01/01	00/12/31	Victor L. Granatstein Elected Administrative Committee Member Member Plasma Science and Applications Technical Committee AdCom Human Rights Fellow Candidate Evaluation Committee Member	94/01/01 94/01/01 01/01/01 03/01/01	97/12/31 97/12/31
John C. Glowienka Plasma Science and Applications Technical Committee ExCom 1992	90/01/01	92/12/31	Michael C. Green Computer Applications in Nuclear and Plasma Science Technical Committee Member		96/12/31
Robert L. Gluckstern Particle Accelerator Science and Technology Technical Committee Member		94/12/31	Peter W. Green Computer Applications in Nuclear and Plasma Science Technical Committee Member Real Time Conference Program Chairman	93/01/01 93/01/01	96/12/31 93/12/31
Brendan Godfrey Plasma Science and Applications Technical Committee ExCom 1996 Plasma Meetings Coordinator	94/01/01 96/01/01	96/12/31 98/12/31	B.L. Gregory Nuclear and Space Radiation Effects Conference General Chairman Program Chairman	78/01/01 72/01/01	78/12/31 72/12/31
Brendan B. Godfrey Plasma Science and Applications Technical Committee Vice-Chairman ExCom 2001 ExCom 2005 Meeting Coordinator	01/01/01 99/01/01 03/01/01 02/01/01	01/12/31 01/12/31 05/12/31	Timothy Grotjohn Plasma Science and Applications Technical Committee Secretary	99/01/01	00/12/31
Valery A. Godyak Plasma Science and Applications Technical Committee ExCom 2001	99/01/01	01/12/31	Arthur H. Guenther Pulsed Power Science and Technology Committee Member	97/01/01	02/12/31
Steven H. Gold Elected Administrative Committee Member Member Plasma Science and Applications Technical Committee Vice-Chairman Secretary Secretary ExCom 1992 ExCom 1996 ExCom 2000 AdCom	04/01/01 95/01/01 93/01/01 01/01/01 90/01/01 94/01/01 98/01/01 04/01/01	07/12/31 96/12/31 94/12/31 92/12/31 96/12/31 00/12/31	Grant Gulberg Nuclear Science Symposium MIC Program Chair	99/01/01	99/12/31
			Grant T. Gullberg Elected Administrative Committee Member Member Radiation Instrumentation Technical Committee Member Nuclear Medical and Imaging Sciences Technical Committee Member	03/01/01 96/01/01 97/01/01	06/12/31 97/12/31 98/12/31
			Charles W. Gwyn Elected Administrative Committee Member Member Nuclear and Space Radiation Effects Conference General Chairman Program Chairman	87/01/01 87/01/01 83/01/01	90/12/31 87/12/31 83/12/31
			M. Hagler Awards Committee Chairman	81/01/01	85/12/31
			Edward Haines Computer Applications in Nuclear and Plasma Science Technical Committee Member	97/01/01	

History of NPSS Committee Membership

James K. Halbig Environmental Instrumentation, Measurement & Monitoring Com. Member	92/12/31		
Horst Halling Real Time Conference Program Chairman	91/01/01	91/12/31	
David A. Hammer Plasma Science and Applications Technical Committee ExCom 1996	94/01/01	96/12/31	
Thomas A. Hargreaves Plasma Science and Applications Technical Committee ExCom 2000	98/01/01	00/12/31	
Harlan Ward Harris Adcom Officers Vice President	87/01/01	87/12/31	
Elected Administrative Committee Member Member	84/01/01	87/12/31	
Fusion Technology Technical Committee Member			
Symposium on Fusion Engineering General Chairman	85/01/01	85/12/31	
S.E. Harrison Elected Administrative Committee Member Member	73/01/01	76/12/31	
Donald Hartill Particle Accelerator Science and Technology Technical Committee Member	99/01/01	01/12/31	
Erik Heijne Adcom Officers Vice President	95/01/01	95/12/31	
Elected Administrative Committee Member Member	94/01/01	97/12/31	
Member	01/01/01	04/12/31	
Radiation Instrumentation Technical Committee Member	00/01/01	00/12/31	
Member	95/01/01	00/12/31	
Nuclear Instruments and Detectors Standards Technical Committee Member	93/01/01	03/12/31	
Awards Committee Member	01/01/01	02/12/31	
Conference Policy Committee Member-at-Large	98/01/01	00/12/31	
Nominating Committee Transnational Representative	00/01/01		
Transnational Committee Chairman	99/01/01		
Sensors Council Representative	04/01/01		
Philip Heitzenroder Fusion Technology Technical Committee Member	92/01/01	01/12/31	
Philip Heitzenroeder Fusion Technology Technical Committee Chairman	02/01/01		
Nominating Committee FT Representative	02/01/01		
Phillip Heitzenroedor Symposium on Fusion Engineering General Chairman	01/01/01	01/12/31	
C.D. Henning Continuing Education Committee Technical Rep.		99/12/31	
Symposium on Fusion Engineering General Chairman	87/01/01	87/12/31	
Carl D. Henning Fusion Technology Technical Committee Member		95/12/31	
David C. Hensley Computer Applications in Nuclear and Plasma Science Technical Committee Member		92/12/31	
Noah Hershkowitz Adcom Officers Vice President	91/01/01	91/12/31	
Elected Administrative Committee Member Member	88/01/01	91/12/31	
Plasma Science and Applications Technical Committee Chairman	97/01/01	98/12/31	
Past Chairman	99/01/01	00/12/31	
Prev. Past Chairman	01/01/01	01/12/31	
ExCom 1997	95/01/01	97/12/31	
AdCom	88/01/01	91/12/31	
Awards		98/12/31	
Awards Committee Chairman	91/01/01	92/12/31	
TC Member	97/01/01	98/12/31	
Finance Committee Member	97/01/01	98/12/31	
Nominating Committee PSAC Representative	97/01/01	98/01/01	
Students and Careers Committee Member		91/12/31	
Graham Heyes Computer Applications in Nuclear and Plasma Science Technical Committee Member		97/01/01	
R.L. Hickok Adcom Officers Secretary	79/01/01	79/12/31	
Elected Administrative Committee Member Member	80/01/01	83/12/31	
Fellow Candidate Evaluation Committee Chairman	85/01/01	86/12/31	
Member		92/12/31	
International Conference on Plasma Science General Chairman	77/01/01	77/12/31	
David M. Hiemstra Radiation Effects Technical Committee Senior Member-at-Large	02/08/01	03/07/31	
Member-at-Large	01/08/01	02/07/31	
Junior Member-at-Large	00/08/01	01/07/31	
M. Marx Hintze Reactor Instrumentation and Control Committee Chairman	86/01/01	90/12/31	
Akira Hirose International Conference on Plasma Science General Chairman	86/01/01	86/12/31	

History of NPSS Committee Membership

Edward J. Hoffman

Adcom Officers			
President	03/01/01	04/12/31	
Vice President	01/01/01	02/12/31	
Elected Administrative Committee Member			
Member	99/01/01	02/12/31	
Radiation Instrumentation Technical Committee			
Member	96/01/01	97/12/31	
Ex-Officio	04/01/01		
Nuclear Medical and Imaging Sciences Technical Committee			
Chairman	94/01/01	96/12/31	
AdCom Representative	99/01/01	00/12/31	
AdCom Representative	04/01/01		
TNS Conference Issue Editor	98/01/01		
Member	97/01/01	99/12/31	
Awards Committee			
TC Member	95/01/01	96/12/31	
Communications Committee			
Member	03/01/01		
Conference Policy Committee			
MIC Conference Editor	96/01/01	99/12/31	
Chair, NMIS	96/01/01	96/12/31	
Nominating Committee			
NIMS Representative	94/01/01	96/12/31	
NIMS Representative	99/01/01	99/12/31	
Publications Committee			
TNS-NMIS	96/01/01		
President (Ex Officio)	03/01/01		
TAB New Technology Directions Committee			
Corresponding Member	02/01/01		
Nuclear Science Symposium			
MIC Program Chair	95/01/01	95/12/31	

Norbert Holtkamp

Particle Accelerator Science and Technology Technical Committee			
Member	02/01/01		
Particle Accelerator Conference			
General Chairman	05/01/01	05/12/31	

J.A. Hood

Elected Administrative Committee Member			
Member	79/01/01	82/12/31	
Radiation Effects Technical Committee			
Chairman	80/08/01	83/07/31	
Nuclear and Space Radiation Effects Conference			
General Chairman	75/01/01	75/12/31	

Mark A. Hopkins

Elected Administrative Committee Member			
Member	98/01/01	01/12/31	
Radiation Effects Technical Committee			
Ad Com Member	98/01/01	01/12/31	

Gordon R. Hopkinson

Transnational Committee			
Member	01/01/01		

Jeffrey Hopwood

Plasma Science and Applications Technical Committee			
ExCom 2002	00/01/01	02/12/31	

H.K. Huang

Students and Careers Committee			
Member		92/12/31	

Ronald H. Huesman

Nuclear Medical and Imaging Sciences Technical Committee			
Member	99/01/01	01/12/31	
Member	03/01/01	05/12/31	

Mike Huffer

Computer Applications in Nuclear and Plasma Science Technical Committee			
Member	99/01/01		

Harold Hughes

Nuclear and Space Radiation Effects Conference			
General Chairman	77/01/01	77/12/31	

Stanley Humphries, Jr.

Plasma Science and Applications Technical Committee			
ExCom 1991	89/01/01	91/12/31	

Kenneth K. Hunt

Radiation Effects Technical Committee			
Vice-Chairman Publicity	95/08/01	98/07/31	
Chairman 2002 Conference	00/01/01		
Nuclear and Space Radiation Effects Conference			
General Chairman	02/01/01	02/12/31	

Thomas W. Hussey

Plasma Science and Applications Technical Committee			
Chairman	03/01/01		
ExCom 1995	93/01/01	95/12/31	
ExCom 1999	97/01/01	99/12/31	
ExCom 2004	02/01/01	04/12/31	
2001 ICOPS Chairman	99/01/01	01/12/31	
Pulsed Power Science and Technology Committee			
Member	95/01/01	02/12/31	
Finance Committee			
Member	03/01/01		
Nominating Committee			
PSAC Representative	03/01/01		
International Conference on Plasma Science			
General Chairman	01/01/01	01/12/31	

Jay Hyman

Plasma Science and Applications Technical Committee			
1997 ICOPS Chairman	94/01/01	97/12/31	
International Conference on Plasma Science			
General Chairman	97/01/01	97/12/31	

Osamu Ishihara

Elected Administrative Committee Member			
Member	00/01/01	03/12/31	
Plasma Science and Applications Technical Committee			
ExCom 1997	95/01/01	97/12/31	
AdCom	00/01/01		
Fellow Candidate Evaluation Committee			
Chairman	01/01/01	03/12/31	
Member	99/01/01		
Transnational Committee			
Member	01/01/01		

Shozo Ishii

Chapter and Local Activities Committee			
Chapter Chair	03/01/01		

Marijana Ivanovic

Nuclear Medical and Imaging Sciences Technical Committee			
Member	01/01/01	03/12/31	

Alan Jackson

Particle Accelerator Science and Technology Technical Committee			
Member	02/01/01	03/12/31	

Gerald P. Jackson

Particle Accelerator Science and Technology Technical Committee			
Member	00/01/01	03/12/31	

Gerry Jackson

Awards Committee			
Member	00/01/01	00/12/31	

James W. Jagger

Symposium on Fusion Engineering			
Program Chairman	85/01/01	85/12/31	

Ralph B. James

Radiation Instrumentation Technical Committee			
Member	98/01/01	99/12/31	
NSS/MIC 2003	02/01/01		
Nuclear Science Symposium			
General Chairman	03/01/01	03/12/31	

History of NPSS Committee Membership

Robert A. Jameson

Particle Accelerator Science and Technology Technical Committee		
Chairman	94/01/01	95/12/31
Member	95/01/01	99/12/31
Nominating Committee		
PAST Representative	94/01/01	95/12/31
Particle Accelerator Conference		
General Chairman	83/01/01	83/12/31

Rolf H. Jansen

Adcom Officers		
Division IV Director	95/01/01	96/12/31

Ronald J. Jaszczak

Adcom Officers		
President	97/01/01	98/12/31
Vice President	96/01/01	96/12/31
Past President	99/01/01	00/12/31
Elected Administrative Committee Member		
Member	95/01/01	98/12/31
Radiation Instrumentation Technical Committee		
Member	96/01/01	97/12/31
NMISTC Past Chairman	04/01/01	
Ex-Officio	03/01/01	03/12/31
Nuclear Medical and Imaging Sciences Technical Committee		
Chairperson	02/01/01	03/12/31
Vice Chairperson	01/01/01	01/12/31
Most Recent Past Chairperson	04/01/01	
Member		97/12/31
Member	00/01/01	02/12/31
Member	04/01/01	06/12/31
Awards Committee		
Chairman	01/01/01	02/12/31
Member	99/01/01	00/12/31
Fellow Candidate Evaluation Committee		
Chairman	04/01/01	
Member	94/01/01	95/12/31
Member	04/01/01	
Conference Policy Committee		
President	97/01/01	98/12/31
Member-at-Large	99/01/01	00/12/31
Nominating Committee		
Chairman	99/01/01	00/12/31
NIMS Representative	02/01/01	03/12/31
Past Committee Chair	01/01/01	03/12/31
Publications Committee		
TMI Steering Committee Rep.	92/01/01	96/12/31
TMI Steering Committee		
Chair	00/01/01	00/12/31
Representative	92/01/01	95/12/31
Representative	99/01/01	
Nuclear Science Symposium		
MIC Program Chair	94/01/01	94/12/31

Daniel Jobe

Plasma Science and Applications Technical Committee		
Vice-Chair	04/01/01	
ExCom 2005	03/01/01	05/12/31
Employment & Careers	00/01/01	

David L. Johnson

Pulsed Power Science and Technology Committee		
Secretary	97/01/01	00/12/31
Member	01/01/01	

Roy Johnson

International Conference on Plasma Science		
General Chairman	75/01/01	75/12/31

Allan H. Johnston

Elected Administrative Committee Member		
Member	91/01/01	94/12/31
Member	04/01/01	07/12/31
Radiation Effects Technical Committee		
Secretary	98/08/01	01/07/31
Chairman 2003 Conference	01/01/01	
Ex-Officio Member	91/01/01	94/12/31
Ad Com Member	04/01/01	07/12/31
Nuclear and Space Radiation Effects Conference		
General Chairman	03/01/01	03/12/31

Chan Joshi

Particle Accelerator Science and Technology Technical Committee		
Member	99/01/01	01/12/31

Thomas G. Jurgens

Chapter and Local Activities Committee		
Chapter Chair	95/07/01	98/12/31

Abraham Kadish

Plasma Science and Applications Technical Committee		
ExCom 1991	89/01/01	91/12/31

Dikshitulu Kalluri

Chapter and Local Activities Committee		
Chapter Chair	99/01/01	

A.H. Kalma

Nuclear and Space Radiation Effects Conference		
Program Chairman	84/01/01	84/12/31

Mark L. Kantrowitz

Reactor Instrumentation and Control Committee		
Member		98/12/31

Joel S. Karp

Radiation Instrumentation Technical Committee		
NMISTC Liaison	00/01/01	01/12/31
Member	96/01/01	97/12/31
NSS/MIC 2002	02/01/01	03/12/31
Nuclear Medical and Imaging Sciences Technical Committee		
Chairperson	00/01/01	01/12/31
Most Recent Past Chairperson	02/01/01	03/12/31
Member	99/01/01	01/12/31
Member	04/01/01	06/12/31
Conference Policy Committee		
Chair, NMIS	00/01/01	00/12/31
Nominating Committee		
NIMS Representative	00/01/01	01/12/31
Nuclear Science Symposium		
General Chairman	02/01/01	02/12/31
MIC Program Chair	96/01/01	96/12/31

Leon Kaufman

Radiation Instrumentation Technical Committee		
Member	02/01/01	04/12/31
Nuclear Medical and Imaging Sciences Technical Committee		
Chairman	75/01/01	75/12/31

Dennis Keefe

Particle Accelerator Conference		
Program Chairman	79/01/01	79/12/31

Dennis Keefer

Plasma Science and Applications Technical Committee		
ExCom 1996	94/01/01	96/12/31

E.L. Kemp

Elected Administrative Committee Member		
Member	76/01/01	79/12/31
Fusion Technology Technical Committee		
Chairman	81/01/01	83/12/31

Watnick J. Kernan

Radiation Instrumentation Technical Committee		
Member	03/01/01	05/12/31

Q.A. Kerns

Elected Administrative Committee Member		
Member	73/01/01	76/12/31

Sherra E. Kerns

Elected Administrative Committee Member		
Member	86/01/01	89/12/31
Continuing Education Committee		
Technical Rep.		98/12/31
University Consortium for Research on Electronics in Space		
Representative	88/01/01	94/12/31
Nuclear and Space Radiation Effects Conference		
Program Chairman	87/01/01	87/12/31

History of NPSS Committee Membership

Klaus G. Kerris

Radiation Effects Technical Committee		
Chairman	98/08/01	01/07/31
Executive Vice-Chairman	94/08/01	97/08/31
Secretary		94/07/31
Past Chairman	01/08/01	03/07/31
Awards Committee		
TC Member	98/01/01	98/12/31
Finance Committee		
Member	98/01/01	99/12/31
Conference Policy Committee		
Chair, REC	98/01/01	00/12/31
Nominating Committee		
REC Representative	98/01/01	99/12/31

Ronald M. Keyser

Radiation Instrumentation Technical Committee		
Chairman	02/01/01	03/12/31
Past Chairman	04/01/01	
Vice-Chairman	00/01/01	01/12/31
Member	00/01/01	01/12/31
Member	99/01/01	01/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Chairman	03/01/01	03/12/31
Member		02/12/31
Awards Committee		
Member	02/01/01	02/12/31
Finance Committee		
Member	02/01/01	02/12/31
Nominating Committee		
RITC Representative	02/01/01	03/12/31
Standards Committee		
Chairman	04/01/01	

Marie Foley Kijewski

Nuclear Medical and Imaging Sciences Technical Committee		
Member	98/01/01	00/12/31

C.W. Kimblin

International Conference on Plasma Science		
Program Chairman	85/01/01	85/12/31

Paul E. Kinahan

Nuclear Medical and Imaging Sciences Technical Committee		
Member	98/01/01	00/12/31
Member	04/01/01	06/12/31
2002 MIC Chair	01/01/01	
Nuclear Science Symposium		
MIC Program Chair	02/01/01	02/12/31

Michael A. King

Nuclear Medical and Imaging Sciences Technical Committee		
Chairman	97/01/01	97/12/31
Member	97/01/01	01/12/31
Member	99/01/01	01/12/31
2003 MIC Chair	02/01/01	
Awards Committee		
TC Member	97/01/01	97/12/31
Conference Policy Committee		
Chair, NMIS	97/01/01	97/12/31
Nominating Committee		
NIMS Representative	97/01/01	97/12/31
Nuclear Science Symposium		
MIC Program Chair	03/01/01	03/12/31

James D. Kinnison

Radiation Effects Technical Committee		
Senior Member-at-Large	00/08/01	01/07/31
Member-at-Large	99/08/01	00/07/31
Junior Member-at-Large	98/08/01	99/07/31

Hugh C. Kirbie

Pulsed Power Science and Technology Committee		
Member	95/01/01	02/12/31

Anatoly A. Kirilenko

Chapter and Local Activities Committee		
Chapter Chair	03/01/01	

Hulya Kirkici

Pulsed Power Science and Technology Committee		
Member		00/01/01

Frederick A. Kirsten

Adcom Officers		
Secretary	84/01/01	84/12/31
Elected Administrative Committee Member		
Member	72/01/01	75/12/31
Member	81/01/01	84/12/31
Computer Applications in Nuclear and Plasma Science Technical Committee		
Member	84/01/01	92/12/31
Radiation Instrumentation Technical Committee		
Member	96/01/01	97/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Member		03/12/31
Annual Meetings Committee		
Member		91/12/31
Awards Committee		
Chairman	75/01/01	76/12/31
Continuing Education Committee		
Technical Rep.		99/12/31
Conference Policy Committee		
TNS Assoc. Conf. Editor	96/01/01	96/12/31
NSS Committee		
TNS Conference Editor		93/12/31
Publications Committee		
Conf. Ed., TNS	90/01/01	93/12/31
Conf. Ed. RTC	94/01/01	96/12/31
Nuclear Science Symposium		
General Chairman	77/01/01	77/12/31
General Chairman	87/01/01	87/12/31
Program Chairman	81/01/01	81/12/31

Lowell A. Klaisner

Adcom Officers		
Vice President	93/01/01	93/12/31
Elected Administrative Committee Member		
Member	92/01/01	93/12/31
NSS Committee		
1994 General Chair	92/01/01	95/12/31
Nuclear Science Symposium		
General Chairman	94/01/01	94/12/31

Laurence E. Kline

Plasma Science and Applications Technical Committee		
ExCom 1992	90/01/01	92/12/31

E.A. Knapp

Particle Accelerator Science and Technology Technical Committee		
Chairman	80/01/01	82/12/31

History of NPSS Committee Membership

Glenn F. Knoll

Elected Administrative Committee Member		
Member	03/01/01	06/12/31
Radiation Instrumentation Technical Committee		
Chairman	00/01/01	01/12/31
Past Chairman	02/01/01	03/12/31
Vice-Chairman	99/01/01	99/12/31
Member	00/01/01	00/12/31
Member	96/01/01	98/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Member		03/12/31
Nuclear Medical and Imaging Sciences Technical Committee		
Chairman	77/01/01	79/12/31
Member		93/12/31
Awards Committee		
Member		92/12/31
Member	00/01/01	01/12/31
Continuing Education Committee		
Technical Rep.		99/12/31
Fellow Candidate Evaluation Committee		
Member		92/12/31
Finance Committee		
Member	95/01/01	01/12/31
Conference Policy Committee		
Editor in Chief	96/01/01	99/12/31
Chair, RITC	00/01/01	00/12/31
Nominating Committee		
RITC Representative	00/01/01	01/12/31
Publications Committee		
Editor-in-Chief	95/01/01	99/12/31
TMI Steering Committee		
Representative	85/01/01	85/12/31
IEEE Press		
Representative	95/01/01	
Center for the History of Electrical Engineering		
Representative	95/01/01	

Vladimir Kolobov

Plasma Science and Applications Technical Committee		
ExCom 2005	03/01/01	05/12/31

Gerhard T. Konrad

Chapter and Local Activities Committee		
Chapter Chair	94/01/01	95/06/30

Richard T. Kouzes

Elected Administrative Committee Member		
Member	98/01/01	01/12/31
Computer Applications in Nuclear and Plasma Science Technical Committee		
Chairman	89/01/01	90/12/31
Member	97/01/01	
Continuing Education Committee		
Technical Rep.		98/12/31
Communications Committee		
Member	01/01/01	

Thomas Kozlowski

Computer Applications in Nuclear and Plasma Science Technical Committee		
Chairman	97/01/01	00/12/31
Past Chairman	01/01/01	
Member	93/01/01	96/12/31
Awards Committee		
TC Member	97/01/01	98/12/31
Conference Policy Committee		
Chair, CANPS	97/01/01	00/12/31
Nominating Committee		
CANPS Representative	97/01/01	00/12/31
Real Time Conference		
General Chairman	99/01/01	99/12/31

Hobart W. Kraner

Adcom Officers		
Secretary	78/01/01	78/12/31
Secretary	89/01/01	89/12/31
Radiation Instrumentation Technical Committee		
Member	96/01/01	97/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Member		98/12/31
Annual Meetings Committee		
Member		91/12/31
Awards Committee		
Chairman	86/01/01	88/12/31
NSS Committee		
Member-at-large	92/01/01	95/12/31
Nuclear Science Symposium		
Program Chairman	78/01/01	78/12/31
Program Chairman	90/01/01	90/12/31

Samuel Krinsky

Particle Accelerator Science and Technology Technical Committee		
Member	99/01/01	01/12/31

M. (Kris) Kristiansen

Elected Administrative Committee Member		
Member	77/01/01	80/12/31
Member	96/01/01	99/12/31
Pulsed Power Science and Technology Committee		
Member	95/01/01	99/12/31
Fellow Candidate Evaluation Committee		
Chairman	79/01/01	81/12/31

John C. Kroon

Reactor Instrumentation and Control Committee		
Member		91/12/31

Hans H. Kuehl

Plasma Science and Applications Technical Committee		
ExCom 1993	91/01/01	93/12/31

Yevgeny Kuleshov

Chapter and Local Activities Committee		
Chapter Chair	01/01/01	02/12/31

Spencer S.P. Kuo

Plasma Science and Applications Technical Committee		
ExCom 1995	93/01/01	95/12/31

J.B. Kuper

Fellow Candidate Evaluation Committee		
Chairman	72/01/01	73/12/31

Shin-ichi Kurokawa

Particle Accelerator Science and Technology Technical Committee		
Member	04/01/01	

Robert L. Kustom

Particle Accelerator Science and Technology Technical Committee		
Member	02/01/01	03/12/31

Kenneth A. LaBel

Radiation Effects Technical Committee		
Senior Member-at-Large	97/08/01	98/07/31
Member-at-Large	96/08/01	97/07/31
Junior Member-at-Large	95/08/01	96/07/31
Aerospace R&D Committee		
Representative	01/01/01	01/12/31

Jean-Louis Laclare

Particle Accelerator Science and Technology Technical Committee		
Member	02/01/01	03/12/31

Lawrence J. Lagin

Computer Applications in Nuclear and Plasma Science Technical Committee		
Member		96/12/31

Shu T. Lai

Chapter and Local Activities Committee		
Chapter Chair	94/01/01	98/12/31

History of NPSS Committee Membership

Edward J. Lampo

Adcom Officers			
Treasurer	92/01/01		
Environmental Instrumentation, Measurement & Monitoring Com.			
Chairman	93/01/01	93/12/31	
Member		92/12/31	
Radiation Instrumentation Technical Committee			
Treasurer	95/01/01	97/12/31	
Member	00/01/01	00/12/31	
Member	98/01/01	00/12/31	
NPSS Treasurer	04/01/01		
Awards Committee			
Member	99/01/01	99/12/31	
Continuing Education Committee			
Member-at-Large		99/12/31	
Finance Committee			
Chairman	93/01/01	93/12/31	
Member			
Conference Policy Committee			
Member	96/01/01		
NSS Committee			
1993 General Chair	92/01/01	95/12/31	
Publications Committee			
Treasurer	01/01/01		
Nuclear Science Symposium			
General Chairman	93/01/01	93/12/31	

F. Patrick Lanza

Radiation Instrumentation Technical Committee			
Member	02/01/01	03/12/31	

Richard Lanza

Radiation Instrumentation Technical Committee			
Chair Elect	04/01/01		
Member	01/01/01	03/12/31	
Member	98/01/01	98/12/31	

Mounir Laroussi

Elected Administrative Committee Member			
Member	02/01/01	05/12/31	
Plasma Science and Applications Technical Committee			
AdCom	02/01/01		

Alberta M. Larsen

Communications Committee			
Member	01/01/01		

Raymond S. Larsen

Adcom Officers			
President	89/01/01	90/12/31	
Vice President	73/01/01	73/12/31	
Past President	91/01/01	92/12/31	
Elected Administrative Committee Member			
Member	71/01/01	74/12/31	
Member	86/01/01	89/12/31	
Radiation Instrumentation Technical Committee			
Member	96/01/01	97/12/31	
Annual Meetings Committee			
Member		91/12/31	
Awards Committee			
Member	01/01/01	02/12/31	
Member	04/01/01		
Chapter and Local Activities Committee			
Chairman	88/01/01	89/12/31	
Member		00/12/31	
Continuing Education Committee			
Chairman	72/01/01	74/12/31	
Conference Policy Committee			
CoChair	92/01/01	00/12/31	
Chairman	01/01/01		
Social Implications of Technology Society			
Representative	91/01/01		
Nuclear Science Symposium			
General Chairman	75/01/01	75/12/31	
General Chairman	85/01/01	85/12/31	

Stig A. Larsson

Nuclear Science Symposium			
MIC Program Chair	00/01/01	00/12/31	

Y.Y. Lau

Plasma Science and Applications Technical Committee			
ExCom 2003	01/01/01	03/12/31	
Student Travel Grants	02/01/01		

Anthony D. Lavietes

Radiation Instrumentation Technical Committee			
NSS/MIC 2001	02/01/01	03/12/31	
Chapter and Local Activities Committee			
Chapter Chair	99/01/01	00/12/31	
Conference Policy Committee			
Member	01/01/01		
Nuclear Science Symposium			
General Chairman	01/01/01	01/12/31	

Wes Lawson

Plasma Science and Applications Technical Committee			
ExCom 2005	03/01/01	05/12/31	

Patrick Le Du

Computer Applications in Nuclear and Plasma Science Technical Committee			
Member	97/01/01		
Nuclear Science Symposium			
General Chairman	00/01/01	00/12/31	

Roland Leadon

Nuclear and Space Radiation Effects Conference			
Program Chairman	79/01/01	79/12/31	

Richard Leahy

Nuclear Medical and Imaging Sciences Technical Committee			
Member		97/12/31	

Sergey V. Lebedev

Plasma Science and Applications Technical Committee			
ExCom 2006	04/01/01	06/12/31	

Paul Lecoq

Radiation Instrumentation Technical Committee			
Member	04/01/01	06/12/31	

Patrick LeD

Elected Administrative Committee Member			
Member	02/01/01	05/12/31	
Radiation Instrumentation Technical Committee			
Member	02/01/01	04/12/31	
Communications Committee			
Member	03/01/01		
Conference Policy Committee			
Member	97/01/01		
Transnational Committee			
Member	01/01/01		
Real Time Conference			
General Chairman	97/01/01	97/12/31	
Program Chairman	03/01/01	03/12/31	

Edward P. Lee

Particle Accelerator Science and Technology Technical Committee			
Member	03/01/01	03/12/31	

Zhenghong Lee

Chapter and Local Activities Committee			
Chapter Chair	03/01/01		

Christoph W. Leeman

Particle Accelerator Science and Technology Technical Committee			
Chairman	96/01/01	97/12/31	
Member		01/12/31	
Awards Committee			
TC Member	96/01/01	97/12/31	
Conference Policy Committee			
Chair, PAST	96/01/01	97/12/31	
Nominating Committee			
PAST Representative	96/01/01	97/12/31	
Particle Accelerator Conference			
General Chairman	93/01/01	93/12/31	
Program Chairman	87/01/01	87/12/31	

History of NPSS Committee Membership

Jane Lehr	Chapter and Local Activities Committee Chapter Chair	01/01/01	02/12/31	Nigel S. Lockyer	Nuclear Science Symposium NSS Program Chair	02/01/01	02/12/31
Jane M. Lehr	Elected Administrative Committee Member Member	04/01/01	07/12/31	Edward J. Lofgren	Particle Accelerator Conference General Chairman	73/01/01	73/12/31
	Pulsed Power Science and Technology Committee AdCom Representative	04/01/01		Martin S. Lubell	Fusion Technology Technical Committee Chairman	88/01/01	91/12/31
	Member	00/01/01	03/12/31		Member		97/12/31
J.E. Leiss	Particle Accelerator Conference General Chairman	75/01/01	75/12/31		Symposium on Fusion Engineering General Chairman	77/01/01	77/12/31
Jean-Luc Leray	Chapter and Local Activities Committee Chapter Chair	01/01/01		John W. Luginsland	Plasma Science and Applications Technical Committee ExCom 2006	04/01/01	06/12/31
	Transnational Committee Member	01/01/01		N.C. Luhmann Jr.	Plasma Science and Applications Technical Committee ExCom 2003	01/01/01	03/12/31
Branko Leskovar	Continuing Education Committee Vice Chairman		95/12/31	Gary K. Lum	Radiation Effects Technical Committee Member-at-Large	03/08/01	04/07/31
Craig S. Levin	Nuclear Medical and Imaging Sciences Technical Committee Secretary	01/01/01	03/12/31		Junior Member-at-Large	02/08/01	03/07/31
	Member	99/01/01	01/12/31	James Luxon	International Conference on Plasma Science General Chairman	83/01/01	83/12/31
Michael J. LeVine	Computer Applications in Nuclear and Plasma Science Technical Committee			Donald R. Machen	Conference Policy Committee RT Conference Editor	99/01/01	99/12/31
	Member	93/01/01			Publications Committee Conf. Ed., RTC	99/01/01	00/12/31
Thomas K. Lewellen	Radiation Instrumentation Technical Committee NSS/MIC 2005	02/01/01		Dick A. Mack	Annual Meetings Committee Member		91/12/31
	Nuclear Medical and Imaging Sciences Technical Committee Vice-Chair	04/01/01			Finance Committee Member		94/12/31
	Member	03/01/01	05/12/31		Publications Committee Editor, TNS	86/01/01	92/12/31
	Nuclear Science Symposium General Chairman	05/01/01	05/12/31		Nuclear Science Symposium Program Chairman	75/01/01	75/12/31
Tom K. Lewellen	Elected Administrative Committee Member Member	01/01/01	04/12/31	Alick MacPherson	Transnational Committee Member	04/01/01	
	Radiation Instrumentation Technical Committee Member	96/01/01	97/12/31	John E. Maenchen	Elected Administrative Committee Member Member	89/01/01	92/12/31
	Nuclear Science Symposium MIC Program Chair	97/01/01	97/12/31		Plasma Science and Applications Technical Committee AdCom	89/01/01	92/12/31
Richard W. Lindsay	Reactor Instrumentation and Control Committee Member	92/01/01	98/12/31		Pulsed Power Science and Technology Committee Chair, 2005 PPC	04/01/01	
C.L. Lingren	Reactor Instrumentation and Control Committee Chairman	80/01/01	82/12/31		Member	01/01/01	01/12/31
	Chairman	97/01/01	98/12/31		Pulsed Power Conference General Chairman	05/01/01	05/12/31
	Member		98/12/31	Stan Majewski	Nuclear Science Symposium NSS Program Chair	98/01/01	98/12/31
	Awards Committee TC Member	97/01/01	98/12/31	W.W. Managan	Adcom Officers Secretary	71/01/01	72/12/31
	Nominating Committee RIC Representative	97/01/01	98/12/31		Membership Development Committee Chairman	73/01/01	75/12/31
Jorge Llacer	Elected Administrative Committee Member Member	89/01/01	91/12/31		Nuclear Science Symposium General Chairman	72/01/01	72/12/31
	Nuclear Medical and Imaging Sciences Technical Committee Chairman	80/01/01	82/12/31		Program Chairman	70/01/01	70/12/31
	Member		97/12/31	Steven H. Manglos	Nuclear Medical and Imaging Sciences Technical Committee Member		94/12/31
	Awards Committee Chairman	93/01/01	94/12/31				
	Member	95/01/01	95/12/31				
	Students and Careers Committee Chairman	90/01/01	90/12/31				
	Member		94/12/31				

History of NPSS Committee Membership

Wallace M. Manheimer

Plasma Science and Applications Technical Committee			95/12/31
Human Rights			
Human Rights	01/01/01		
Employment & Careers	96/01/01		99/12/31

R. Carroll Maninger

Adcom Officers			
President	81/01/01		82/12/31
Past President	83/01/01		84/12/31
Elected Administrative Committee Member			
Member	81/01/01		84/12/31
Environmental Instrumentation, Measurement & Monitoring Com.			
Chairman	76/01/01		78/12/31
Nuclear Science Symposium			
General Chairman	83/01/01		83/12/31
Program Chairman	77/01/01		77/12/31

James W.-K. Mark

Plasma Science and Applications Technical Committee			
ExCom 1991	89/01/01		91/12/31

John P. Marriner

Particle Accelerator Science and Technology Technical Committee			
Member	04/01/01		

Paul Kenneth Marsden

Nuclear Medical and Imaging Sciences Technical Committee			
Member	01/01/01		03/12/31

Jean-Pierre Martin

Real Time Conference			
General Chairman	03/01/01		03/12/31

Jean-Pierre. Martin

Computer Applications in Nuclear and Plasma Science Technical Committee			
Member	02/01/01		

John A. Martin

Adcom Officers			
President	73/01/01		74/12/31
President	85/01/01		86/12/31
Vice President	71/01/01		72/12/31
Past President	75/01/01		76/12/31
Past President	87/01/01		88/12/31
Elected Administrative Committee Member			
Member	71/01/01		74/12/31
Member	83/01/01		86/12/31
Particle Accelerator Science and Technology Technical Committee			
Chairman	77/01/01		79/12/31
Member			94/12/31
Annual Meetings Committee			
Member			91/12/31
Continuing Education Committee			
Technical Rep.			94/12/31
Fellow Candidate Evaluation Committee			
Member	93/01/01		98/12/31
Nuclear Science Symposium			
General Chairman	80/01/01		80/12/31

R.L. Martin

Particle Accelerator Conference			
Program Chairman	77/01/01		77/12/31

Lloyd W. Massengill

Radiation Effects Technical Committee			
Chairman 2007 Conference	03/01/01		

Joe Mauer

Chapter and Local Activities Committee			
Chapter Chair	01/01/01		02/12/31
Chapter Chair	03/01/01		03/12/31

Michael S. Mazzola

Plasma Science and Applications Technical Committee			
2000 ICOPS Chairman	98/01/01		01/12/31
Conference Policy Committee			
Chair, 2000 ICOPS	00/01/01		00/12/31
International Conference on Plasma Science			
General Chairman	00/01/01		00/12/31

R.E. McCoskey

Radiation Effects Technical Committee			
Chairman	74/01/01		76/12/31
Nuclear and Space Radiation Effects Conference			
General Chairman	71/01/01		71/12/31

Dillon H. McDaniel

Pulsed Power Science and Technology Committee			
Member	00/01/01		

James M. McGarrity

Radiation Effects Technical Committee			
Chairman	89/08/01		92/07/31
Junior Past Chairman			94/12/31
Fellow Candidate Evaluation Committee			
Member			92/12/31
Defense R&D Committee			
Representative	91/01/01		91/12/31
Nuclear and Space Radiation Effects Conference			
Program Chairman	85/01/01		85/12/31

J.E. McLaughlin

Environmental Instrumentation, Measurement & Monitoring Com.			
Chairman	81/01/01		82/12/31

E.A. McLean

Adcom Officers			
Vice President	84/01/01		84/12/31
Elected Administrative Committee Member			
Member	81/01/01		84/12/31

F.B. McLean

Awards Committee			
Member			94/12/31
Fellow Candidate Evaluation Committee			
Member	93/01/01		02/12/31

Ian R. McNab

Pulsed Power Science and Technology Committee			
Member	97/01/01		

Don Meeker

Continuing Education Committee			
Technical Rep.			93/12/31

Donald J. Meeker

Chapter and Local Activities Committee			
Chapter Chair	95/07/01		98/12/31

Steve Meikle

Radiation Instrumentation Technical Committee			
Member	00/01/01		02/12/31

Steven R. Meikle

Radiation Instrumentation Technical Committee			
Member	02/01/01		02/12/31
Nuclear Medical and Imaging Sciences Technical Committee			
Secretary	04/01/01		
Member	02/01/01		04/12/31

Charles L. Melcher

Radiation Instrumentation Technical Committee			
Member	04/01/01		06/12/31

Jon Melvin

Computer Applications in Nuclear and Plasma Science Technical Committee			
Member			96/12/31

Stan Mendelsohn

Fusion Technology Technical Committee			
Member	95/01/01		97/12/31

History of NPSS Committee Membership

T.J. Menne

International Conference on Plasma Science General Chairman	84/01/01	84/12/31
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David C. Meschel

Radiation Effects Technical Committee Treasurer	93/01/01	94/12/31
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George H. Miley

Elected Administrative Committee Member Member	96/01/01	99/12/31
Fusion Technology Technical Committee Member		00/12/31
Plasma Science and Applications Technical Committee ExCom 1994	92/01/01	94/12/31
Awards Committee Member		92/12/31
Fellow Candidate Evaluation Committee Member	04/01/01	
Conference Policy Committee Chair, 1995 SFE	96/01/01	96/12/31
Symposium on Fusion Engineering General Chairman	81/01/01	81/12/31
General Chairman	95/01/01	95/12/31

G. Laurie Miller

Nuclear Instruments and Detectors Standards Technical Committee Chairman	69/01/01	73/12/31
Member		03/12/31
Nuclear Science Symposium Program Chairman	74/01/01	74/12/31

James F. Miller

Reactor Instrumentation and Control Committee Chairman	93/01/01	96/12/31
Awards Committee TC Member	95/01/01	96/12/31
Nominating Committee RIC Representative	93/01/01	96/12/31

R. Bruce Miller

Particle Accelerator Science and Technology Technical Committee Member		94/12/31
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F.E. Mills

Particle Accelerator Conference Program Chairman	75/01/01	75/12/31
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Robert G. Mills

Fusion Technology Technical Committee Chairman	74/01/01	76/12/31
Symposium on Fusion Engineering General Chairman	73/01/01	73/12/31
General Chairman	83/01/01	83/12/31

Stanley L. Milora

Fusion Technology Technical Committee Member	98/01/01	
Symposium on Fusion Engineering Program Chairman	89/01/01	89/12/31

Joseph Minervini

Fusion Technology Technical Committee Member	02/01/01	
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V.A. Moore

Reactor Instrumentation and Control Committee Chairman	69/01/01	70/12/31
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A.C. Morris, Jr.

Environmental Instrumentation, Measurement & Monitoring Com. Member		92/12/31
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William W. Moses

Adcom Officers Vice President	99/01/01	99/12/31
Vice President	03/01/01	04/12/31
Elected Administrative Committee Member Member	96/01/01	99/12/31
Member	02/01/01	05/12/31
Radiation Instrumentation Technical Committee Chairman	96/01/01	99/12/31
Past Chairman	00/01/01	01/12/13
Member	00/01/01	00/12/31
Site Selection	02/01/01	
Nuclear Medical and Imaging Sciences Technical Committee Member		97/12/31
Member	00/01/01	02/12/31
Awards Committee Member	96/01/01	00/12/31
Member	03/01/01	
Continuing Education Committee Technical Rep.		95/12/31
Finance Committee Member	96/01/01	99/12/31
Member	03/01/01	03/12/31
Conference Policy Committee Chair, RITC	96/01/01	99/12/31
Nominating Committee Radlins Representative	96/01/01	98/12/31
NSS Committee Medical Sciences Rep.	92/01/01	95/12/31
Sensors Council Liaison	01/01/01	03/12/31
Nuclear Science Symposium Program Chairman	93/01/01	93/12/31

Marek Moszynski

Radiation Instrumentation Technical Committee Member	02/01/01	04/12/31
Transnational Committee Member	01/01/01	

Dennis Mueller

Computer Applications in Nuclear and Plasma Science Technical Committee Member	97/01/01	
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K.D. Mueller

Computer Applications in Nuclear and Plasma Science Technical Committee Member		96/12/31
Nuclear Instruments and Detectors Standards Technical Committee Member		03/12/31
Transnational Committee Member	01/01/01	
Real Time Conference General Chairman	91/01/01	91/12/31

N.A. Mullani

Nuclear Medical and Imaging Sciences Technical Committee Chairman	83/01/01	84/12/31
Member		93/12/31

Holt Murray, Jr.

Elected Administrative Committee Member Member	88/01/01	91/12/31
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Raymond Muzic

Chapter and Local Activities Committee Chapter Chair	01/01/01	02/12/31
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David K. Myers

Nuclear and Space Radiation Effects Conference Program Chairman	73/01/01	73/12/31
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M. Nahemow

International Conference on Plasma Science General Chairman	85/01/01	85/12/31
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History of NPSS Committee Membership

Farrokh Najmabadi			
Fusion Technology Technical Committee			
Member		97/12/31	
Symposium on Fusion Engineering			
General Chairman	97/01/01	97/12/31	
Orhan Nalcioglu			
Adcom Officers			
President	93/01/01	94/12/31	
Vice President	92/01/01	92/12/31	
Past President	95/01/01	96/12/31	
Elected Administrative Committee Member			
Member	91/01/01	94/12/31	
Radiation Instrumentation Technical Committee			
Member	96/01/01	99/12/31	
Nuclear Medical and Imaging Sciences Technical Committee			
Chairman	85/01/01	87/12/31	
Member		98/12/31	
Awards Committee			
Chairman	95/01/01	98/12/31	
Member	01/01/01	02/12/31	
Fellow Candidate Evaluation Committee			
Member	96/01/01		
Conference Policy Committee			
Chair, 1999 NSS/MIC	99/01/01	00/12/31	
Nominating Committee			
Ex officio (President)	91/01/01	94/12/31	
Society Past President	95/01/01	96/12/31	
NSS Committee			
1996 General Chair	94/01/01	95/12/31	
Students and Careers Committee			
Chairman	91/01/01	92/12/31	
Member	93/01/01	97/12/31	
TMI Steering Committee			
Representative	96/01/01	98/12/31	
Representative	01/01/01		
TIP Steering Committee			
Representative	91/01/01	96/12/31	
Nuclear Science Symposium			
General Chairman	96/01/01	96/12/31	
General Chairman	99/01/01	99/12/31	
Won Namkung			
Particle Accelerator Science and Technology Technical Committee			
Member	02/01/01	03/12/31	
John Nation			
Plasma Science and Applications Technical Committee			
Chairman	87/01/01	88/12/31	
R.B. Neal			
Particle Accelerator Conference			
General Chairman	79/01/01	79/12/31	
Program Chairman	73/01/01	73/12/31	
George H. Neilson			
Fusion Technology Technical Committee			
Member	03/01/01		
Ronald O. Nelson			
Computer Applications in Nuclear and Plasma Science Technical Committee			
Member	93/01/01		
Charles L. Neumeyer			
Elected Administrative Committee Member			
Member	04/01/01	07/12/31	
Fusion Technology Technical Committee			
Member	04/01/01		
Deb M. Newberry			
Elected Administrative Committee Member			
Member	92/01/01	95/12/31	
Radiation Effects Technical Committee			
Ex-Officio Member	92/01/01	95/12/31	
Engineering R&D Committee			
Representative	98/01/01	01/12/31	
Defense R&D Committee			
Representative	92/01/01	96/12/31	
Mark Newton			
Pulsed Power Science and Technology Committee			
Member	99/01/01	00/12/31	
Andrew Ng			
Plasma Science and Applications Technical Committee			
ExCom 1997	95/01/01	97/12/31	
ExCom 2003	01/01/01	03/12/31	
ICOPS Site Selection	01/01/01	01/12/31	
International	99/01/01	00/12/31	
1993 ICOPS Chairman		94/12/31	
International Conference on Plasma Science			
General Chairman	93/01/01	93/12/31	
Julian S. Nicols			
Nuclear and Space Radiation Effects Conference			
General Chairman	73/01/01	73/12/31	
Dieter Notz			
Computer Applications in Nuclear and Plasma Science Technical Committee			
Member	98/01/01		
Gregory Nusinovich			
Plasma Science and Applications Technical Committee			
ExCom 2004	02/01/01	04/12/31	
Ronald Nutt			
Nuclear Medical and Imaging Sciences Technical Committee			
Member		97/12/31	
Dennis W. O'Brien			
Computer Applications in Nuclear and Plasma Science Technical Committee			
Member		96/12/31	
Real Time Conference			
General Chairman	87/01/01	87/12/31	
Patrick O'Shea			
Elected Administrative Committee Member			
Member	03/01/01	06/12/31	
Particle Accelerator Science and Technology Technical Committee			
Member	02/01/01	03/12/31	
Lester C. Oakes			
Adcom Officers			
Secretary	81/01/01	82/12/31	
Elected Administrative Committee Member			
Member	76/01/01	79/12/31	
Reactor Instrumentation and Control Committee			
Chairman	83/01/01	85/12/31	
Chairman	91/01/01	92/12/31	
Annual Meetings Committee			
Member		91/12/31	
Awards Committee			
Chairman	77/01/01	80/12/31	
Continuing Education Committee			
Technical Rep.		94/12/31	
Nuclear Science Symposium			
General Chairman	84/01/01	84/12/31	
Timothy R. Oldham			
Radiation Effects Technical Committee			
Vice-Chairman	03/08/01	06/07/31	
Chairman 1994 Conference	92/01/01	95/12/31	
Nuclear and Space Radiation Effects Conference			
General Chairman	94/01/01	94/12/31	
Program Chairman	90/01/01	90/12/31	
Norman L. Oleson			
Plasma Science and Applications Technical Committee			
1992 ICOPS Chairman		92/12/31	
International Conference on Plasma Science			
General Chairman	92/01/01	92/12/31	
Gene A. Oleynik			
Computer Applications in Nuclear and Plasma Science Technical Committee			
Member	93/01/01	98/12/31	

History of NPSS Committee Membership

Craig L. Olson				Patrick Pedrow			
Fusion Technology Technical Committee				Plasma Science and Applications Technical Committee			
Member		02/01/01		ExCom 2006		04/01/01	06/12/31
Plasma Science and Applications Technical Committee							
FTC Representative		04/01/01					
Michael A. Oothoudt				Dave Pehrson			
Computer Applications in Nuclear and Plasma Science Technical Committee				Aerospace R&D Committee			
Member			92/12/31	Representative		90/06/01	95/12/31
John F. Osborn				Samuel Penner			
Newsletter Committee				Particle Accelerator Conference			
Chairman		69/01/01	94/06/30	General Chairman		81/01/01	81/12/31
Publications Committee				General Chairman			
Editor, Newsletter		69/01/01	94/06/30			87/01/01	87/12/31
Newsletter Editor, Emeritus		94/07/01	00/12/31				
Jean F. Ostiguy				Anthony L. Peratt			
Chapter and Local Activities Committee				Elected Administrative Committee Member			
Chapter Chair		99/01/01	02/12/31	Member		98/01/01	01/12/31
Robert B. Oswald, Jr.				Plasma Science and Applications Technical Committee			
Adcom Officers				Vice-Chairman			
Vice President		78/01/01	78/12/31	ExCom 1997		95/01/01	97/12/31
Elected Administrative Committee Member				AdCom			
Member		75/01/01	78/12/31	1994 ICOPS Chairman		91/01/01	95/12/31
Nuclear and Space Radiation Effects Conference				International Conference on Plasma Science			
Program Chairman		77/01/01	77/12/31	General Chairman		94/01/01	94/12/31
Richard P. Oxford				Dennis E. Persyk			
Nuclear Instruments and Detectors Standards Technical Committee				Elected Administrative Committee Member			
Member		02/01/01	02/12/31	Member		90/01/01	91/12/31
Leo Paffrath				Nuclear Instruments and Detectors Standards Technical Committee			
Real Time Conference				Chairman			
Program Chairman		87/01/01	87/12/31	Member		76/01/01	78/12/31
Robert K. Parker				Edward L. Peterson			
Plasma Science and Applications Technical Committee				Radiation Effects Technical Committee			
Chairman		01/01/01	02/12/31	Member-at-Large		92/08/01	93/07/31
Past Chairman		03/01/01					
ExCom 2001		99/01/01	01/12/31	Anthony J. Peurrung			
Finance Committee				Radiation Instrumentation Technical Committee			
Member		01/01/01	03/12/31	Member		02/01/01	04/12/31
Burr Passenheim				Paul L. Phelps, Jr.			
Elected Administrative Committee Member				Adcom Officers			
Member		94/01/01	97/12/31	Secretary		74/01/01	74/12/31
Radiation Effects Technical Committee				Elected Administrative Committee Member			
Ex-Officio Member		94/01/01	97/12/31	Member		77/01/01	80/12/31
Burr C. Passenheim				Environmental Instrumentation, Measurement & Monitoring Com.			
Chapter and Local Activities Committee				Chairman			
Chapter Chair		95/07/01	98/12/31	Member		79/01/01	80/12/31
Bradley E. Patt				Radiation Instrumentation Technical Committee			
Radiation Instrumentation Technical Committee				Member			
Member		00/01/01	01/12/31	Nuclear Instruments and Detectors Standards Technical Committee			
Member		98/01/01	01/12/31	Member			
Nuclear Medical and Imaging Sciences Technical Committee				Annual Meetings Committee			
Member		01/01/01	03/12/31	Member			91/12/31
T.J. Paulus				Continuing Education Committee			
Radiation Instrumentation Technical Committee				Chairman			
Member		04/01/01	06/12/31	Senior Advisor		75/01/01	93/12/31
Ronald L. Pease				Member-at-Large			
Radiation Effects Technical Committee				Member-at-Large			
Senior Member-at-Large		03/08/01	04/07/31	Member-at-Large		95/01/01	99/12/31
Member-at-Large		02/08/01	03/07/31	Member-at-Large			94/12/31
Vice-Chairman Publications		91/08/01	94/07/31	Fellow Candidate Evaluation Committee			
Chairman 2000 Conference		98/01/01	01/12/31	Member			
Nuclear and Space Radiation Effects Conference				Conference Policy Committee			
General Chairman		00/01/01	00/12/31	Past Chair, Education Com.		96/01/01	00/12/31
Program Chairman		91/01/01	91/12/31	NSS Committee			
Nanette Phinney				1990 General Chair			
Particle Accelerator Science and Technology Technical Committee				Students and Careers Committee			
Member				Member		92/01/01	93/12/31
				COMAR			
				Representative		83/01/01	87/06/30
				TAAC			
				Representative			92/12/31
				Nuclear Science Symposium			
				General Chairman		81/01/01	81/12/31
				General Chairman		89/01/01	89/12/31
				Program Chairman		73/01/01	73/12/31

History of NPSS Committee Membership

Dale G. Platteter			Kenneth R. Prestwich		
Radiation Effects Technical Committee			Pulsed Power Science and Technology Committee		
Chairman	01/08/01	03/07/31	Chairman	95/01/01	96/12/31
Executive Vice-Chairman	97/08/01	00/07/31	Member	97/01/01	
Member-at-Large	91/08/01	92/07/31	Awards Committee		
Past Chairman	03/08/01	06/07/31	TC Member	95/01/01	96/12/31
Chairman 1995 Conference	93/01/01	96/12/31	Conference Policy Committee		
Finance Committee			Chair, PP	96/01/01	97/12/31
Member	01/07/01	03/06/30	Nominating Committee		
Conference Policy Committee			PP Representative	95/01/01	96/12/31
Chair, 1995 NSREC	96/01/01	96/12/31			
Nominating Committee			Vernon G. Price		
REC Representative	01/01/01	02/12/31	Chapter and Local Activities Committee		
Nuclear and Space Radiation Effects Conference			Chairman	90/01/01	
General Chairman	95/01/01	95/12/31	Continuing Education Committee		
			Chapters Rep.		99/12/31
Martin Plotkin			Communications Committee		
Adcom Officers			Member	01/01/01	
President	77/01/01	78/12/31	Membership Development Committee		
Secretary	76/01/01	76/12/31	Chairman	93/01/01	
Past President	79/01/01	80/12/31	Students and Careers Committee		
Elected Administrative Committee Member			Member	93/01/01	94/12/31
Member	75/01/01	78/12/31	Membership Development Committee		
Fellow Candidate Search Committee			Representative	93/01/01	
Chairman	90/01/01	93/12/31	IEEE Membership Committee		
Membership Development Committee			Representative	00/01/01	
Chairman	78/01/01	92/12/31	Distinguished Lecturers		
Representative	78/01/01	90/12/31	Representative	00/01/01	
TMI Steering Committee			W.E. Price		
Representative	81/01/01	91/12/31	Chapter and Local Activities Committee		
IEEE Membership Committee			Chairman	73/01/01	83/12/31
Representative	85/01/01	90/12/31			
Dirk A. Plummer			R.F. Pruett		
Chapter and Local Activities Committee			Adcom Officers		
Chapter Chair	99/01/01	00/12/31	Treasurer	69/01/01	74/12/31
			Finance Committee		
Raulf M. Polichar			Chairman	69/01/01	74/12/31
Radiation Instrumentation Technical Committee			Emerson W. Pugh		
Member	03/01/01	05/12/31	Adcom Officers		
			Division IV Director	83/01/01	84/12/31
R.A. Poll			Jeffrey P. Quintenz		
Nuclear and Space Radiation Effects Conference			Fusion Technology Technical Committee		
General Chairman	70/01/01	70/12/31	Member	96/01/01	00/12/31
			Veljko Radeka		
Ruth Pordes			Elected Administrative Committee Member		
Computer Applications in Nuclear and Plasma Science Technical Committee			Member	86/01/01	89/12/31
Chairman	91/01/01	92/12/31	Mark Rader		
Past Chairman	93/01/01	96/12/31	Elected Administrative Committee Member		
			Member	01/01/01	04/12/31
Stanislav Pospisil			Plasma Science and Applications Technical Committee		
Transnational Committee			AdCom	01/01/01	
Member	01/01/01		Communications Committee		
			Member	01/01/01	
Renée Poutissou			David Ramsden		
Computer Applications in Nuclear and Plasma Science Technical Committee			Radiation Instrumentation Technical Committee		
Chairman	93/01/01	96/12/31	Member	01/01/01	03/12/31
Awards Committee			Member	02/01/01	03/12/31
TC Member	93/01/01	96/12/31	James L. Ramsey		
Conference Policy Committee			Radiation Effects Technical Committee		
Chair, CANPS	96/01/01	96/12/31	Chairman	86/08/01	89/07/31
Nominating Committee			Senior Past Chairman		94/12/31
CANPS Representative	93/01/01	96/12/31	Nuclear and Space Radiation Effects Conference		
Real Time Conference			General Chairman	82/01/01	82/12/31
General Chairman	93/01/01	93/12/31			
Rene Poutissou			C.G. Ravi		
Computer Applications in Nuclear and Plasma Science Technical Committee			Chapter and Local Activities Committee		
Past Chairman	97/01/01	00/12/31	Chapter Chair		03/12/31
Member	01/01/01				
E.J. Powers			James P. Raymond		
Publications Committee			Continuing Education Committee		
Editor, TPS		83/12/31	Technical Rep.		98/12/31
International Conference on Plasma Science			Nuclear and Space Radiation Effects Conference		
General Chairman	76/01/01	76/12/31	General Chairman	79/01/01	79/12/31

History of NPSS Committee Membership

Louis L. Reginato

Elected Administrative Committee Member
 Member 87/01/01 90/12/31
 Particle Accelerator Science and Technology Technical Committee
 Member 94/12/31

Karl Reinitz

Nuclear Instruments and Detectors Standards Technical
 Committee
 Member 00/01/03 03/12/31

Robert E. Reinovsky

Pulsed Power Science and Technology Committee
 Chairman 02/01/01
 Member 95/01/01 01/12/31
 Communications Committee
 Member 03/01/01
 Nominating Committee
 PP Representative 02/01/01
 Pulsed Power Conference
 General Chairman 01/01/01 01/12/31

Martin Reiser

Particle Accelerator Science and Technology Technical Committee
 Member 99/01/01 99/12/31

Donald J. Rej

Plasma Science and Applications Technical Committee
 ExCom 1998 96/01/01 98/12/31

B. M. Rice

Elected Administrative Committee Member
 Member 84/01/01 87/12/31

C. Richard

International Conference on Plasma Science
 General Chairman 79/01/01 79/12/31

Barry H. Ripin

Elected Administrative Committee Member
 Member 84/01/01 87/12/31
 Plasma Science and Applications Technical Committee
 Chairman 81/01/01 82/12/31

Leonid Rivkin

Particle Accelerator Science and Technology Technical Committee
 Member 04/01/01

Alessandro Rizzo

Chapter and Local Activities Committee
 Chapter Chair 03/01/01

Charles W. Roberson

Particle Accelerator Science and Technology Technical Committee
 Member 02/01/01

Scott H. Robertson

Plasma Science and Applications Technical Committee
 ExCom 1994 92/01/01 94/12/31

Norman F. Roderick

Plasma Science and Applications Technical Committee
 ExCom 1998 96/01/01 98/12/31

W. Leslie Rogers

Nuclear Medical and Imaging Sciences Technical Committee
 Member 97/01/01 99/12/31
 Nuclear Science Symposium
 MIC Program Chair 98/01/01 98/12/31

Gerald L. Rogoff

Elected Administrative Committee Member
 Member 90/01/01 93/12/31
 Plasma Science and Applications Technical Committee
 Chairman 95/01/01 96/12/31
 Past Chairman 97/01/01 98/12/31
 ExCom 1996 94/01/01 96/12/31
 AdCom 90/01/01 93/12/31
 Coalition for Plasma Science 98/01/01
 Awards Committee
 TC Member 95/01/01 96/12/31
 Finance Committee
 Member 96/01/01 96/12/31
 Conference Policy Committee
 Chair, PSAC 96/01/01 97/12/31
 Nominating Committee
 PSAC Representative 96/01/01 96/12/31
 TAB New Technology Directions Committee
 Corresponding Member 92/01/01 97/12/31
 Coalition for Plasma Science
 Liaison 98/01/01

Michael Ronan

Nuclear Science Symposium
 NSS Program Chair 94/01/01 94/12/31

Anatoly B. Rosenfeld

Radiation Instrumentation Technical Committee
 Member 03/01/01 05/12/31
 Transnational Committee
 Member 03/01/01

James Rosensweig

Particle Accelerator Science and Technology Technical Committee
 Member 95/01/01 99/12/31

Thomas Roser

Particle Accelerator Science and Technology Technical Committee
 Member 04/01/01

Carolyn S. Rossington

Radiation Instrumentation Technical Committee
 Member 98/01/01 98/12/31

J. Reece Roth

Adcom Officers
 Secretary 75/01/01 75/12/31
 Elected Administrative Committee Member
 Member 74/01/01 77/12/31
 Member 92/01/01 95/12/31
 Plasma Science and Applications Technical Committee
 ExCom 1992 90/01/01 92/12/31
 AdCom 92/01/01 95/12/31
 Students and Careers Committee
 Chairman 93/01/01 95/12/31

Ronald D. Ruth

Particle Accelerator Science and Technology Technical Committee
 Member 02/01/01 03/12/31

David Ruzic

Fusion Technology Technical Committee
 Member 02/01/01

Howard Sander

Nuclear and Space Radiation Effects Conference
 Program Chairman 76/01/01 76/12/31

John Santarius

Fusion Technology Technical Committee
 Member 02/01/01

Harry R. Sauberman

Chapter and Local Activities Committee
 Chapter Chair 94/01/01 00/12/31
 Chapter Chair 03/01/01

History of NPSS Committee Membership

Ned Robert Sauthoff			A.A. Schupp		
Awards Committee Member	93/01/01	95/12/31	Symposium on Fusion Engineering General Chairman	75/01/01	75/12/31
Energy Policy Representative	88/07/01				
Edl Schamiloglu			James R. Schwank		
Elected Administrative Committee Member			Radiation Effects Technical Committee Secretary	01/08/01	03/07/31
Member	00/01/01	03/12/31	Chairman 1998 Conference	96/01/01	99/12/31
Plasma Science and Applications Technical Committee Vice-Chairman	02/01/01	02/12/31	Fellow Candidate Evaluation Committee Member	03/01/01	
ExCom 2002	00/01/01	02/12/31	Conference Policy Committee Chair, 1998 NSREC	98/01/01	99/12/31
Awards	01/01/01	01/12/31	Nuclear and Space Radiation Effects Conference General Chairman	98/01/01	98/12/31
2006 ICOPS Chairman	03/01/01				
Pulsed Power Science and Technology Committee Chair 2007 PPPSC	04/01/01		Fred R. Schwirzke		
Member	95/01/01	03/12/31	Elected Administrative Committee Member		
Communications Committee Member	01/01/01		Member	81/01/01	84/12/31
Conference Policy Committee Member-at-Large	00/01/01	00/12/31	Plasma Science and Applications Technical Committee Chairman	79/01/01	80/12/31
Pulsed Power and Plasma Science PPPS General Chairman	07/01/01	07/12/31	ExCom 1993	91/01/01	93/12/31
			Nominating Committee Chairman	79/01/01	82/12/31
			International Conference on Plasma Science General Chairman	78/01/01	78/12/31
John E. Scharer			Douglas W. Sedgley		
Plasma Science and Applications Technical Committee 1995 ICOPS Chairman	92/01/01	96/12/31	Fusion Technology Technical Committee Member		94/12/31
Conference Policy Committee Chair, 1995 ICOPS	96/01/01	96/12/31			
International Conference on Plasma Science General Chairman	95/01/01	95/12/31			
Volker Schmidt			Surinder S. Seehra		
Computer Applications in Nuclear and Plasma Science Technical Committee Member	99/01/01		Chapter and Local Activities Committee Chapter Chair		00/12/31
Paul Schmor			Tadashi Sekiguchi		
Particle Accelerator Science and Technology Technical Committee Member	04/01/01		Chapter and Local Activities Committee Chapter Chair		93/12/31
Martin V. Schneider			John Sethian		
Adcom Officers Division IV Director	91/01/01	92/12/31	Plasma Science and Applications Technical Committee ExCom 1995	93/01/01	95/12/31
Karl H. Schoenbach			Fred Sexton		
Plasma Science and Applications Technical Committee ExCom 1995	93/01/01	95/12/31	Radiation Effects Technical Committee Junior Member-at-Large	99/08/01	00/07/31
ExCom 2000	98/01/01	00/12/31			
ICOPS Site Selection	96/01/01	98/12/31	Fred W. Sexton		
1991 ICOPS Chairman		91/12/31	Radiation Effects Technical Committee Senior Member-at-Large	01/08/01	02/07/31
Pulsed Power Science and Technology Committee Member	97/01/01	99/12/31	Member-at-Large	00/08/01	01/07/31
International Conference on Plasma Science General Chairman	91/01/01	91/12/31	Chairman 2005 Conference	03/01/01	
			Nuclear and Space Radiation Effects Conference General Chairman	05/01/01	05/12/31
Stanley O. Schriber			Bob Shafer		
Particle Accelerator Science and Technology Technical Committee Member			Elected Administrative Committee Member		
Particle Accelerator Conference General Chairman	95/01/01	95/12/31	Member	95/01/01	98/12/31
General Chairman	07/01/01	07/12/31	Marty Shaneyfelt		
			Radiation Effects Technical Committee Vice-Chairman Publications	03/08/01	07/07/31
Ronald D. Schrimpf			Chairman 2001 Conference	99/01/01	02/12/31
Radiation Effects Technical Committee Chairman	03/08/01	06/07/31	Nuclear and Space Radiation Effects Conference General Chairman	01/01/01	01/12/31
Vice-Chairman	00/08/01	03/07/31			
Chairman 1999 Conference	97/01/01	00/12/31	T.E. Shannon		
Finance Committee Member	03/07/01		Symposium on Fusion Engineering General Chairman	89/01/01	89/12/31
Conference Policy Committee Chair, 1999 NSREC	99/01/01	00/12/31			
Nominating Committee REC Representative	03/01/01		Archana Sharma		
Nuclear and Space Radiation Effects Conference General Chairman	99/01/01	99/12/31	Transnational Committee Member	01/01/01	
			Richard F. Shea		
Joseph Schumer			Publications Committee Editor-in-Chief	69/01/01	90/12/31
Plasma Science and Applications Technical Committee ExCom 2005	03/01/01	05/12/31	Editor, TNS	58/01/01	85/12/31
			Historian	91/01/01	97/12/31
			E-i-C Emeritus	91/01/01	97/12/31

History of NPSS Committee Membership

Walter M. Shedd Radiation Effects Technical Committee Treasurer	95/01/01	97/12/31	Bob H. Smith Elected Administrative Committee Member Member	75/01/01	78/12/31
Robert L. Shepard Reactor Instrumentation and Control Committee Member		91/12/31	Graham Smith Radiation Instrumentation Technical Committee NSS/MIC 2006	04/01/01	
Jack Sherman Chapter and Local Activities Committee Chapter Chair	03/01/01		Nuclear Science Symposium General Chairman	06/01/01	06/12/31
J. Leon Shohet Adcom Officers President	79/01/01	80/12/31	NSS Program Chair	01/01/01	01/12/31
Past President	81/01/01	82/12/31	Wesley H. Smith Nuclear Science Symposium Program Chairman	92/01/01	92/12/31
Elected Administrative Committee Member Member	77/01/01	80/12/31	Charles Snell Computer Applications in Nuclear and Plasma Science Technical Committee		92/12/31
Plasma Science and Applications Technical Committee Chairman	74/01/01	76/12/31	Member		
Fellow Candidate Evaluation Committee Chairman	78/01/01	78/12/31	A.W. Snyder Adcom Officers President	71/01/01	72/01/01
Nominating Committee Chairman	74/01/01	77/12/31	Nominating Committee Chairman	73/01/01	76/12/31
Engineering R&D Committee Representative	83/01/01	91/12/31	Thomas Spencer Plasma Science and Applications Technical Committee ExCom 2004	02/01/01	04/12/31
USAB Technical Activities Board Representative	83/01/01	91/12/31	James P. Spratt Elected Administrative Committee Member Member	95/01/01	98/12/31
International Conference on Plasma Science General Chairman	80/01/01	80/12/31	Radiation Effects Technical Committee Ex-Officio Member	95/01/01	98/12/31
John Siambis Plasma Science and Applications Technical Committee ExCom 1997	95/01/01	97/12/31	Chapter and Local Activities Committee Chapter Chair		95/06/30
Carl R. Siebentritt Nuclear Instruments and Detectors Standards Technical Committee		02/12/31	Joseph R. Srou Radiation Effects Technical Committee Chairman	83/08/01	86/07/31
Member	97/01/01		Awards Committee Chairman	89/01/01	90/12/31
Robert H. Siemann Particle Accelerator Science and Technology Technical Committee Member	99/01/01		Nuclear and Space Radiation Effects Conference General Chairman	90/01/01	90/12/31
Particle Accelerator Conference General Chairman	03/01/01	03/12/31	Program Chairman	78/01/01	78/12/31
Program Chairman	95/01/01	95/12/31	Peter W. Staecker Adcom Officers Division IV Director	01/01/01	02/12/31
Michael B. Silevitch Plasma Science and Applications Technical Committee ExCom 1993	91/01/01	93/12/31	Ralph H. Stahl Nuclear and Space Radiation Effects Conference Program Chairman	74/01/01	74/12/31
John J. Silver Radiation Effects Technical Committee Vice-Chairman Publicity	94/08/01	95/07/31	Charles H. Stallings Pulsed Power Science and Technology Committee Member	95/01/01	
Mayrant Simons Elected Administrative Committee Member Member	93/01/01	96/12/31	Pulsed Power Conference General Chairman	99/01/01	99/12/31
Radiation Effects Technical Committee Chairman 1992 Conference	90/01/01	93/12/31	Charles W. Stearns Nuclear Medical and Imaging Sciences Technical Committee Member	02/01/01	04/12/31
Ex-Officio Member	93/01/01	96/12/31	Don Steiner Fusion Technology Technical Committee Member		95/12/31
Nuclear and Space Radiation Effects Conference General Chairman	92/01/01	92/12/31	Loren C. Steinhauer International Conference on Plasma Science General Chairman	88/01/01	88/12/31
James P. Simpson Particle Accelerator Science and Technology Technical Committee Member		94/12/31			
Manbir Singh Elected Administrative Committee Member Member	86/01/01	89/12/31			
Radiation Instrumentation Technical Committee Member	00/01/01	01/12/31			
Member	96/01/01	97/12/31			
Member	99/01/01	01/12/31			
Nuclear Medical and Imaging Sciences Technical Committee Chairman	92/01/01	93/12/31			
Member		98/12/31			
NSS Committee Medical Sciences Rep.	92/01/01	95/12/31			

History of NPSS Committee Membership

Donald E. Stilwell

Elected Administrative Committee Member		
Member	90/01/01	93/12/31
Radiation Instrumentation Technical Committee		
Member	96/01/01	97/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Chairman	96/01/01	98/12/31
Member		95/12/31
Annual Meetings Committee		
Member		91/12/31
Awards Committee		
TC Member	96/01/01	98/12/31
Conference Policy Committee		
Chair NIDCOM	96/01/01	98/12/31
Nominating Committee		
NID Representative	96/01/01	98/12/31
NSS Committee		
Chairman	92/01/01	93/12/31
Nuclear Science Symposium		
General Chairman	86/01/01	86/12/31
General Chairman	90/01/01	90/12/31

Bruce P. Strauss

Particle Accelerator Science and Technology Technical Committee		
Member	02/01/01	

A.L. Stripeika

Adcom Officers		
Vice President	81/01/01	81/12/31
Treasurer	75/01/01	78/12/31
Elected Administrative Committee Member		
Member	78/01/01	81/12/31
Awards Committee		
Chairman	73/01/01	74/12/31
Finance Committee		
Chairman	75/01/01	78/12/31
Nuclear Science Symposium		
General Chairman	71/01/01	71/12/31
Program Chairman	83/01/01	83/12/31

David J. Strobel

Chapter and Local Activities Committee		
Chapter Chair	99/01/01	00/12/31
Chapter Chair	04/01/01	

Michael A. Stroschio

Plasma Science and Applications Technical Committee		
Secretary	92/12/31	
ExCom 1995	93/01/01	95/12/31

Linda E. Sugiyama

Plasma Science and Applications Technical Committee		
ExCom 1992	90/01/01	92/12/31

David F. Sutter

Particle Accelerator Science and Technology Technical Committee		
Member	02/01/01	

Mary Ann Sweeney

Adcom Officers		
Vice President	88/01/01	88/12/31
Secretary	87/01/01	88/12/31
Elected Administrative Committee Member		
Member	85/01/01	88/12/31
Plasma Science and Applications Technical Committee		
Chairman	89/01/01	90/12/31
PSAC Constitution & Bylaws		98/12/31
Continuing Education Committee		
Technical Rep.		99/12/31
Fellow Candidate Evaluation Committee		
Member	93/01/01	93/12/31
Nominating Committee		
Chairman	91/01/01	92/12/31

Kenneth L. Swinth

Elected Administrative Committee Member		
Member	85/01/01	88/12/31
Environmental Instrumentation, Measurement & Monitoring Com.		
Chairman	85/01/01	88/12/31
Member		95/12/31
Nuclear Instruments and Detectors Standards Technical Committee		
Member		02/12/31
Continuing Education Committee		
Technical Rep.		95/12/31

Cha-Mei Tang

Plasma Science and Applications Technical Committee		
ExCom 1998	96/01/01	98/12/31
ExCom 2002	00/01/01	02/12/31

Dante M. Tasca

Nuclear and Space Radiation Effects Conference		
General Chairman	89/01/01	89/12/31

Shinriki Teii

Chapter and Local Activities Committee		
Chapter Chair	95/07/01	00/12/31

Lee C. Teng

Particle Accelerator Conference		
General Chairman	77/01/01	77/12/31
Program Chairman	71/01/01	71/12/31

Gary A. Thiele

Adcom Officers		
Division IV Director	87/01/01	88/12/31

H.A. Thomas

Elected Administrative Committee Member		
Member	72/01/01	75/12/31
Reactor Instrumentation and Control Committee		
Chairman	74/01/01	76/12/31

Chris J. Thompson

Nuclear Medical and Imaging Sciences Technical Committee		
Member		97/12/31

Christopher J. Thompson

Nuclear Medical and Imaging Sciences Technical Committee		
Member	03/01/01	05/12/31

Philip Thullen

Fusion Technology Technical Committee		
Member		93/12/31

O. Lyle Tiffany

Nuclear Science Symposium		
Program Chairman	71/01/01	71/12/31

Mark Tillack

Fusion Technology Technical Committee		
Member		98/01/01

J. William Tippie

Computer Applications in Nuclear and Plasma Science Technical Committee		
Member		96/12/31

Maxim Titov

Transnational Committee		
Member		04/01/01

Alan M.M. Todd

Elected Administrative Committee Member		
Member	99/01/01	02/12/31
Particle Accelerator Science and Technology Technical Committee		
Member	99/01/01	
Conference Policy Committee		
Member-at-Large	99/01/01	99/12/31

History of NPSS Committee Membership

Kiyo Tomiyasu

Adcom Officers
Division IV Director 85/01/01 86/12/31

David W. Townsend

Nuclear Medical and Imaging Sciences Technical Committee
Member 98/01/01 00/12/31

James H. Trainor

Elected Administrative Committee Member
Member 79/01/01 82/12/31
Nuclear Instruments and Detectors Standards Technical
Committee
Member 95/12/31
Annual Meetings Committee
Member 91/12/31
NSS Committee
Member-at-large 92/01/01 95/12/31
Nuclear Science Symposium
General Chairman 78/01/01 78/12/31
General Chairman 82/01/01 82/12/31
Program Chairman 72/01/01 72/12/31

Gary A. Tripoli

Chapter and Local Activities Committee
Chapter Chair 93/12/31

S.R. Trost

Chapter and Local Activities Committee
Chapter Chair 93/12/31
Communications Information Policy Committee
Representative 93/01/01 96/12/31

Benjamin M.W. Tsui

Radiation Instrumentation Technical Committee
Member 96/01/01 97/12/31
Nuclear Medical and Imaging Sciences Technical Committee
Member 97/01/01 99/12/31
Member 03/01/01 05/12/31
Publications Committee
Conf Ed. MIC 94/01/01 95/12/31
Students and Careers Committee
Member 92/12/31
Nuclear Science Symposium
MIC Program Chair 01/01/01 01/12/31

F. Patrick Tumer

Radiation Instrumentation Technical Committee
Member 02/01/01 03/12/31

Tumay O. Tumer

Radiation Instrumentation Technical Committee
Member 01/01/01 03/12/31

Peter J. Turchi

Pulsed Power Science and Technology Committee
Chairman 00/01/01 01/12/31
Past Chair 02/01/01
Member 95/01/01 00/12/31
Fellow Candidate Evaluation Committee
Member 04/01/01
Conference Policy Committee
Chair, PP 00/01/01 00/12/31
Nominating Committee
PP Representative 00/01/01 01/12/31

Robert Turnbull

Symposium on Fusion Engineering
Program Chairman 81/01/01 81/12/31

Kathleen J. Turner

NSS Committee
Member-at-large 92/01/01 95/12/31

Michael A. Ulrickson

Fusion Technology Technical Committee
Member 97/01/01 02/12/31
Member 03/01/01
Conference Policy Committee
Chair, 1999 SFE 99/01/01 00/12/31
Symposium on Fusion Engineering
General Chairman 99/01/01 99/12/31

Michael Unterweger

Elected Administrative Committee Member
Member 01/01/01 04/12/31
Radiation Instrumentation Technical Committee
Member 03/01/01 05/12/31
Nuclear Instruments and Detectors Standards Technical
Committee
Vice-Chairman 97/01/01 98/12/31
Secretary 03/01/01 03/12/31
Member 92/01/01 03/12/31
Conference Policy Committee
Member 01/01/01
Standards Committee
Secretary 04/01/01

Charles Utrias

Radiation Effects Technical Committee
Vice-Chairman Publicity 91/08/01 94/07/31
Chairman 1996 Conference 94/01/01 97/12/31
Nuclear and Space Radiation Effects Conference
General Chairman 96/01/01 96/12/31

John Valentine

Radiation Instrumentation Technical Committee
Member 00/01/01 02/12/31
Member 98/01/01 98/12/31
Member 02/01/01 02/12/31
TNS-NSS Editor
Publications Committee 04/01/01
Conf. Ed., TNS NSS 01/01/01

Linda Valhala

Plasma Science and Applications Technical Committee
ExCom 2001 99/01/01 01/12/31

Carel van Eijk

Radiation Instrumentation Technical Committee
Member 00/01/01 02/12/31
Member 02/01/01 02/12/31

Hugh W. Van Ness

Adcom Officers
President 75/01/01 76/12/31
Vice President 74/01/01 74/12/31
Past President 77/01/01 78/12/31
Elected Administrative Committee Member
Member 72/01/01 75/12/31
Nuclear Science Symposium
General Chairman 73/01/01 73/12/31

Arie van Steenberg

Elected Administrative Committee Member
Member 91/01/01 94/12/31
Particle Accelerator Science and Technology Technical Committee
Member 94/12/31
Particle Accelerator Conference
Program Chairman 81/01/01 81/12/31

Nick W. Van Vonno

Radiation Effects Technical Committee
Senior Member-at-Large 99/08/01 00/07/31
Member-at-Large 98/08/01 99/07/31
Junior Member-at-Large 97/08/01 98/07/31
Vice-Chairman Publications 00/08/01 03/07/31

Michael W. Vannier

Publications Committee
Editor, TMI 95/01/01 02/12/31

History of NPSS Committee Membership

Detlef Vermeulen Computer Applications in Nuclear and Plasma Science Technical Committee Member	93/01/01	98/12/31	William A. Watson Computer Applications in Nuclear and Plasma Science Technical Committee Member	93/01/01	98/12/31
			Real Time Conference Program Chairman	89/01/01	89/12/31
Max A. Viergever Publications Committee Editor, TMI	03/01/01	03/12/31	David K. Wehe Radiation Instrumentation Technical Committee Member	01/01/01	03/12/31
			Member	02/01/01	03/12/31
Ihor M. Vitkovitsky Pulsed Power Science and Technology Committee Member	95/01/01	98/12/31	Awards Committee Chair	04/01/01	
Margaret Votava Computer Applications in Nuclear and Plasma Science Technical Committee Member	99/01/01		Harold M. Weil Chapter and Local Activities Committee Chapter Chair		95/06/30
			Chapter Chair	01/01/01	02/12/31
Lee J. Wagner Adcom Officers Vice President	80/01/01	80/12/31	Membership Development Committee Member	96/01/01	
Treasurer	79/01/01	91/12/31	Lester Welch Computer Applications in Nuclear and Plasma Science Technical Committee Chairman	87/01/01	88/12/31
Elected Administrative Committee Member			Member		92/12/31
Member	77/01/01	80/12/31	William F. Weldon Fusion Technology Technical Committee Member		91/12/31
Finance Committee Chairman	79/01/01	92/12/31	Eric P. Wenaas Nuclear and Space Radiation Effects Conference General Chairman	84/01/01	84/12/31
Member	93/01/01	95/12/31	Program Chairman	81/01/01	81/12/31
Conference Policy Committee Member-at-Large	99/01/01	00/12/31	Amy E. Wendt Plasma Science and Applications Technical Committee ExCom 1998	96/01/01	98/12/31
Nuclear Science Symposium General Chairman	79/01/01	79/12/31	Wu-Tsung W. Weng Particle Accelerator Science and Technology Technical Committee Chairman	90/01/01	93/12/31
Program Chairman	87/01/01	87/12/31	Member	98/01/01	
Sanford Wagner Adcom Officers Secretary	91/01/01	91/12/31	Conference Policy Committee Chair, 1999 PAC	99/01/01	00/12/31
Elected Administrative Committee Member			Particle Accelerator Conference General Chairman	99/01/01	99/12/31
Member	82/01/01	85/12/31	Miles N. Wernick Nuclear Medical and Imaging Sciences Technical Committee Awards Chair	97/01/01	00/12/31
Nuclear Instruments and Detectors Standards Technical Committee Chairman	74/01/01	75/12/31	Glen Westenskow Particle Accelerator Science and Technology Technical Committee Member	04/01/01	
Chairman	88/01/01	95/12/31	Glenn Westenskow Particle Accelerator Science and Technology Technical Committee Member	95/01/01	01/12/31
Member		99/12/31	C.B. Wharton Adcom Officers Vice President	75/01/01	75/12/31
Annual Meetings Committee Member		91/12/31	Elected Administrative Committee Member		
Continuing Education Committee Member-at-Large		99/12/31	Member	73/01/01	76/12/31
Conference Policy Committee Member-at-Large	96/01/01	99/12/31	G.W. Wheeler Particle Accelerator Science and Technology Technical Committee Chairman	74/01/01	76/12/31
Nominating Committee NID Representative	88/01/01	95/12/31	A.L. Whetstone Awards Committee Chairman	72/01/01	72/12/31
NSS Committee			Marion M. White Particle Accelerator Science and Technology Technical Committee Member	04/01/01	
Industry/NIDCOM Rep.	92/01/01	95/12/31			
Kenneth Wakefield Symposium on Fusion Engineering Program Chairman	83/01/01	83/12/31			
John Walter Elected Administrative Committee Member Member	80/01/01	83/12/31			
Environmental Instrumentation, Measurement & Monitoring Com. Member		95/12/31			
Nuclear Instruments and Detectors Standards Technical Committee Chairman	85/01/01	87/12/31			
Member		02/12/31			
Continuing Education Committee Technical Rep.		99/12/31			
Fellow Candidate Evaluation Committee Chairman	87/01/01	00/12/31			
Nuclear Science Symposium Program Chairman	80/01/01	80/12/31			
Thomas Wangler Particle Accelerator Science and Technology Technical Committee Member	04/01/01				

History of NPSS Committee Membership

Roger White

Pulsed Power Science and Technology Committee		
Secretary	01/01/01	
Member	95/01/01	00/12/31

R. Roy Whitney

Elected Administrative Committee Member		
Member	89/01/01	91/12/31
Real Time Conference		
General Chairman	89/01/01	89/12/31

H. Wiedemann

Particle Accelerator Science and Technology Technical Committee		
Member		94/12/31

C. Daniel Wilkinson

Reactor Instrumentation and Control Committee		
Member		98/12/31

C.W. Williams

Adcom Officers		
Vice President	79/01/01	79/12/31
Secretary	77/01/01	77/12/31
Elected Administrative Committee Member		
Member	76/01/01	79/12/31
Fellow Candidate Evaluation Committee		
Chairman	83/01/01	84/12/31
Nuclear Science Symposium		
Program Chairman	84/01/01	84/12/31

Scott Willms

Fusion Technology Technical Committee		
Member	97/01/01	

Michael Wilson

Pulsed Power Science and Technology Committee		
Member	04/01/01	

Peter S. Winokur

Adcom Officers		
President	01/01/01	02/12/31
Vice President	00/01/01	00/12/31
Past President	03/01/01	04/12/31
Elected Administrative Committee Member		
Member	99/01/01	02/12/31
Radiation Effects Technical Committee		
Chairman	95/08/01	98/07/31
Executive Vice-Chairman		94/12/31
Past Chairman	98/08/01	00/07/31
Ad Com Member	99/01/01	04/12/31
Awards Committee		
TC Member	95/01/01	97/12/31
Member	01/01/01	
Communications Committee		
Member	01/01/01	02/12/31
Finance Committee		
Member	95/01/01	97/12/31
Conference Policy Committee		
Member	01/01/01	
Member-at-Large	99/01/01	00/12/31
Chair, REC	96/01/01	97/12/31
Nominating Committee		
Chairman	03/01/01	
REC Representative	95/01/01	97/12/31
REC Representative	00/01/01	00/12/31
Ex officio (President)	01/01/01	02/12/31
Publications Committee		
President (Ex Officio)	01/01/01	02/12/31
Engineering R&D Committee		
Representative	02/01/01	
Aerospace R&D Committee		
Representative	96/01/01	00/12/31
TAB New Technology Directions Committee		
Corresponding Member	98/01/01	01/12/31
Nuclear and Space Radiation Effects Conference		
Program Chairman	89/01/01	89/12/31

Steven C. Witczak

Publications Committee		
Conf. Ed., NSREC	02/01/01	02/12/31

N.A. Wogman

Environmental Instrumentation, Measurement & Monitoring Com.		
Chairman	83/01/01	84/12/31
Member		95/12/31

John Wohlwend

Fusion Technology Technical Committee		
Member	99/01/01	00/12/31
Member	03/01/01	

G. Wong

Nuclear Medical and Imaging Sciences Technical Committee		
Member	99/01/01	01/12/31

Gerald W. Wood

Chapter and Local Activities Committee		
Chapter Chair	03/01/01	

Craig Woody

Radiation Instrumentation Technical Committee		
Chairman	04/01/01	
Chair Elect	02/01/01	03/12/31
Member	00/01/01	02/12/31
Finance Committee		
Member	04/01/01	
Nominating Committee		
RITC Representative	04/01/01	
Nuclear Science Symposium		
General Chairman	98/01/01	98/12/31

Donald C. Wunsch

Pulsed Power Science and Technology Committee		
Member	95/01/01	99/12/31

Ping Yeh

Transnational Committee		
Member	04/01/01	

Richard York

Particle Accelerator Science and Technology Technical Committee		
Member	99/01/01	01/12/31

Donald E. Young

Particle Accelerator Conference		
General Chairman	89/01/01	89/12/31

Frank C. Young

Plasma Science and Applications Technical Committee		
Chairman	91/01/01	92/12/31
Past Chairman	93/01/01	94/12/31
ExCom 1992	90/01/01	92/12/31
ExCom 1997	95/01/01	97/12/31
Finance Committee		
Member	95/01/01	95/12/31
International Conference on Plasma Science		
General Chairman	87/01/01	87/12/31

Bo Yu

Radiation Instrumentation Technical Committee		
Member	04/01/01	06/12/31

Cary Zeitlin

Nuclear Science Symposium		
NSS Program Chair	95/01/01	95/12/31

Gengsheng Lawrence Zeng

Nuclear Medical and Imaging Sciences Technical Committee		
Communications Chair	04/01/01	

Lawrence Zeng

Nuclear Medical and Imaging Sciences Technical Committee		
Member	01/01/01	03/12/31

Wu Zhang

Chapter and Local Activities Committee		
Chapter Chair	03/01/01	

History of NPSS Committee Membership

Sibylle I. Ziegler

Radiation Instrumentation Technical Committee		
Member	98/01/01	99/12/31
Nuclear Medical and Imaging Sciences Technical Committee		
Member	00/01/01	02/12/31
2004 MIC Chair	03/01/01	

I. George Zubal

Nuclear Medical and Imaging Sciences Technical Committee		
Member	00/01/01	02/12/31

Constitution and Bylaws of the IEEE Nuclear and Plasma Sciences Society

Constitution

Article I - Name and Object

Section 1. This organization shall be known as the IEEE Nuclear and Plasma Sciences Society.

Section 2. The Society's purpose shall be scientific and educational in character. The Society shall strive for the advancement of the theory and practice of electrical and electronic engineering and of the allied arts and sciences and for the maintenance of high scientific and technical standards among its members, all in consonance with the Constitution and Bylaws of the IEEE and with special attention to such aims within the field of interest of the Society, as hereinafter defined.

Section 3. The Society shall aid in promoting close cooperation and exchange of technical information among its members and affiliates, and to this end shall hold meetings for the presentation and discussion of original contributions, shall publish transactions reporting advances within the scope of the Society and through its committees shall study and otherwise provide for the needs of its members and affiliates.

Article II - Field of Interest

Section 1. The fields of interest of the Society are the nuclear and plasma sciences. The Society shall devote itself to publication or other dissemination of original contributions to the theory, experiments, educational methods and applications of these fields, and to the development of standards. Areas of technical activity shall include but not be limited to the following:

Section 2. Nuclear science and engineering, including instrumentation for research; detection and measurement of radiation; nuclear biomedical applications; radiation monitoring and safety equipment; particle accelerators; nuclear instrumentation development for reactor systems; effects of radiation on materials, components, and systems; and applications of radiation and nuclear energy to other than utility power generation.

Section 3. Plasma science and engineering, including: magnetofluid dynamics and thermionics; plasma dynamics; gaseous electronics and arc technology; controlled thermonuclear fusion; electron, ion, and plasma sources; space plasmas; high-current relativistic electron beams; laser-plasma interactions; diagnostics; plasma chemistry and colloidal and solid state plasmas.

Article III - Membership

Section 1. Membership in the Society shall be available to all members of the IEEE having an interest in the nuclear or plasma sciences.

Section 2. Affiliates may participate in the activities of the Society as provided by the IEEE Bylaws and subject to the applicable IEEE rules and regulations and to any additional limitations imposed by the Society Bylaws.

Article IV - Financial Support

Section 1. The Society shall collect from each member and affiliate an assessment or fee in accordance with IEEE Bylaws and applicable rules and regulations. The amount of the fees shall be established by the AdCom.

Section 2. The Society may make registration charges at its meetings, symposia, conferences, and conventions. The registration fee for non-members of the IEEE shall normally be higher than for members.

Section 3. The Society may raise revenues by other means such as, but not limited to, advertising, shows, requests for contributions, and charges for sending out notices to non-Society members, provided such means are consistent with applicable IEEE rules and regulations.

Article V - Administration

Section 1. The Society shall be managed by an Administrative Committee (AdCom) consisting of 16 directly elected members plus certain ex officio members as specified herein and in the Bylaws.

Section 2. The terms of office of the directly elected members shall be four years. Elections of members shall be held annually to fill vacancies for the coming year. The terms of office of the ex officio members shall be specified in the Bylaws. The terms of office of the Chairs of elective technical committees shall be defined in the Constitution and Bylaws of the elective technical committee.

Section 3.

(a) The affairs of the Society shall be managed by the President, as directed by the AdCom and in accordance with the powers and duties as defined hereunder and in the Bylaws. In the event of the President's absence or incapacity, the Vice-President, or if the Vice-President is unable, then the most recent Past-President shall perform the presidential duties.

(b) The President shall appoint a Secretary and Treasurer for the Society.

Section 4.

(a) The President and Vice-President shall be elected for coincident two-year terms by the voting members of the AdCom from among the eligible members of the AdCom. These elections of President and Vice-President shall be held as defined in the Bylaws.

(b) All directly elected AdCom members are eligible for election as President or Vice-President. In addition the Vice-President is eligible for election as President. No individual may be elected to two successive terms as President.

(c) In the event the Vice-President is required to complete the term of the President, the Vice-President will be eligible to run for President in the next full-term election

(d) In the event that neither the President nor Vice-President is able to take office as prescribed in the Bylaws, or if both are incapacitated or if both offices become vacant for a period greater than 60 days, the AdCom (under the direction of the most recent Past President) shall promptly elect an Acting President from among the eligible elected members to assume the duties of President until either the President or Vice-President takes or resumes office, or until the next election.

(e) The NPSS Vice-President will, except under circumstances deemed unusual by a majority of the voting members of AdCom, become the sole nominee for the succeeding NPSS Presidential election.

Section 5. The AdCom shall utilize the services of IEEE Headquarters as bursar for Society funds as provided by the IEEE Bylaws and rules and regulations. If any part of the Society funds are received and deposited separately, the terms and conditions shall be in accordance with IEEE policies and subject to the provisions of Society Bylaws and to any special limitations that may be imposed by the AdCom.

Section 6. The President shall be an ex officio member of all committees of the Society. As a member of the IEEE Technical Activities Board (TAB) the President shall ensure appropriate representation of the Society at IEEE and TAB meetings by personal attendance, or by ensuring that one of the alternates defined in Section 3(a) attends. Failing this, the President should designate a representative.

Section 7. The work of the Society shall be conducted through the AdCom and through both standing and ad hoc committees as provided herein and in the Bylaws.

Section 8. The President, as soon as expedient after election, shall appoint the Chairs of the standing Functional Committees provided in the Bylaws. Other special or ad hoc committees may be authorized by the AdCom and appointed by the President.

Section 9.

(a) Standing Technical Committees may be administered by either elected or appointed committee officers as specified herein and in the Bylaws.

(b) Each Appointive Standing Technical Committee shall be directed by a Chair who shall be appointed or reappointed annually by the President of the Society as specified in the Bylaws.

(c) Each Elective Standing Technical Committee shall consist of at least 15 members and shall be governed according to a written Constitution and Bylaws approved by the committee and by the AdCom which shall include the following: (1) provision for periodic election of officers; (2) provision for amendment of the rules of operation subject to the approval of the AdCom; and (3) a statement of criteria for membership. Each Elective Standing Technical Committee shall maintain a roster of its membership.

Section 10.

(a) All Presidential appointees serve at the pleasure of the President, and as such can be removed from office by the President.

(b) Any AdCom member may be removed from office if they fail to perform their duties in a manner that is consistent with the best interests of the IEEE and NPSS. This prerogative of AdCom should be exercised only in extreme cases and always with great caution and after due circumspection. A petition signed by a minimum of five voting AdCom members is necessary to investigate the removal process and the petition must include the name of the member to be removed, the position in question, and a description of the grounds for removal. Upon receipt of the petition, the Secretary will notify all AdCom members that such a petition has been received, notify the member in question, and give that member 30 days to provide a written response. After this period, the Secretary will send a ballot that includes the statement of the grounds for removal and its rebuttal to each voting AdCom member. The ballots will be returned to the Secretary who will tally the votes 30 days after the ballots were sent. Should a minimum of two-thirds of the voting AdCom members vote in favor of removal, then the member in question will be removed from office immediately. In the event that the Secretary is the member in question, the President will designate an alternate AdCom member to perform the duties assigned to the Secretary in this Section.

Article VI - Nomination and Election of Administrative Committee Members

Section 1. Nominating procedures shall be as prescribed in the Bylaws and shall include provision for nomination by petition of Society members. Nominations by petition shall be included on the ballot and shall be so identified.

Section 2. Election of the members of the AdCom shall be as prescribed in the Bylaws.

Section 3. If a member of the AdCom does not complete a term, the vacancy shall be filled at the next AdCom election if more than one year remains in the term. Otherwise, the President will appoint a replacement for the remainder of the term. When an AdCom member is elected or appointed for a partial term, that person is eligible to run for the next full-term election to the same position.

Article VII - Meetings

Section 1. The Society may hold meetings, conferences, symposia or conventions either alone or in cooperation with other organizations subject to applicable IEEE rules and regulations.

Section 2. Meetings, conferences, symposia, or conventions of the Society shall be open on an equal basis to all members of the IEEE. The Society may not sponsor or co-sponsor a meeting that is in any way subject to limitations on attendance by members for reasons other than availability of space.

Section 3. Twelve(12) voting members of the AdCom shall constitute a quorum. No member shall be able to cast more than one vote for any reason.

Section 4. A majority of the voting members present at an AdCom meeting must vote affirmatively for a motion to pass except as otherwise provided in this Constitution.

Section 5. Business of the AdCom may be handled by any written means which includes (but is not limited to) correspondence, fax or e-mail if, in the opinion of the President, matters requiring prompt action can be adequately handled in that manner. A majority of the voting members of AdCom is required to take action in such a case. Such actions are to be promptly confirmed in writing by the President to AdCom.

Section 6. The AdCom shall meet as required to conduct business and in accordance with the Bylaws.

Article VIII - Amendments

Section 1. Amendments to the Constitution may be initiated following approval by a two-thirds vote of the AdCom. After such approval, the proposed amendment shall be publicized in the Society Newsletter, with notice that it will be submitted to the Technical Activities Board and to the Executive Committee of the IEEE for final approval unless 25 Society members object within 60 days of the date of mailing of the notice. If such objections are received, a copy of the proposed amendment shall be mailed with a ballot to all members of the Society at least 45 days before the date set for the return of the ballots; the ballots shall carry a statement of the postmark deadline for their return to the IEEE office. When a mail vote of the entire Society membership is made necessary, approval of the amendment by at least two-thirds of the ballots returned shall be necessary for its enactment. If approved by Society members, the proposed amendment will be submitted to the Technical Activities Board and to the Executive Committee of the IEEE for final approval.

Section 2. As an alternative to the procedure outlined in Section 1 above, twenty-five members of the Society may submit a petition to the Technical Activities Board and to the IEEE Executive Committee. If approved by TAB and after notification of the AdCom, the proposed amendment shall be submitted to the membership by mail ballot as described above.

Section 3. Society Bylaws and amendments thereto may be adopted by a two-thirds vote of the AdCom, provided that notice of the proposed Bylaw or amendment has been sent to each member of the AdCom at least two weeks prior to such meeting; or a Society Bylaw, or amendment, may be adopted by a two-thirds written vote of the eligible voting members of the AdCom, provided a two week period is provided for such responses. In either event, the proposed Bylaw or amendment shall be published in the Society Newsletter. No Bylaw or amendment shall take effect until it has been: (1) published and (2) mailed to the secretary of the IEEE Technical Activities Board.

Article IX - Publications

Section 1. The Society shall support a program by which Transactions, Conference Proceedings, newsletters, and other forms of publication appropriate to the Society's fields of interest are published and distributed. Publications undertaken by the Society shall be subject to IEEE policies and to further guidance and controls prescribed by the AdCom or its duly appointed committees. The Society shall be responsible for the financial aspects of its publication program.

Section 2. All publications of the Society shall have unrestricted circulation, subject only to the payment of appropriate fees. Circulation of Society Publications to non-members shall be subject only to the payment of appropriate fees or charges.

Section 3. The President with the advice of the AdCom shall appoint an Editor-in-Chief to oversee the publication program and to assure financial soundness and maintenance of schedules and format standards. The responsibilities of the Editor-in-Chief shall include the preparation of the Society's Annual Directory. The responsibility for technical content of any Transactions shall be controlled by the Transactions Editor who shall be nominated by the Editor-in-Chief or by the Society President and approved by the AdCom.

Article X - Periodic Review

Section 1. The President shall appoint 5 members of the AdCom every five years beginning in 2005 to evaluate the effectiveness and currency of this Constitution and Bylaws, to study the rules and governance required by the activities of the Society at that time, and to define

the changes appropriate to the existing and anticipated needs of the Society. The committee will be Chaired by the Vice-President, and will issue its report for action at the final AdCom meeting of that year.

Bylaws

1. Membership: There shall be two grades of Society membership: Student Members and Higher Grade Members. Student Members of the IEEE may become Student Members in the Society upon payment of the fee specified in Bylaw 3. Members of the IEEE in all grades may become members of the Society upon payment of the fee specified in Bylaw 3.

2. Affiliates: Non-members of the IEEE who are members of certain other organizations accredited by the IEEE as provided in IEEE Rules and Regulations may become affiliates of the Society upon payment of the fees specified in Bylaw 4. The rights of Affiliate members shall be as specified by IEEE.

3. Membership Fees: The assessment or fee for membership in the Society shall be established by the AdCom. It will include the NPSS Newsletter.

4. Affiliate Fees: Affiliates shall pay the fee or assessment specified in IEEE rules and regulations.

5. Administrative Committee: Article V of the Constitution provides that the AdCom shall consist of 16 directly elected members plus certain ex officio members. The ex officio members of the AdCom shall be the President, Vice-President, most recent past-President, the Chairs of the Standing Technical Committees, the Chairs of Standing Functional Committees, Secretary, Treasurer, Liaison Representatives for Standards and IEEE-USA, Editors of the Transactions and Newsletter, Editor-in-Chief and other ex-officio members as provided for in the IEEE Constitution.

5.1. The voting members of the AdCom shall be the elected members, President, Vice-President, most recent Past-President, and the Chairs of the Technical Committees.

5.2. The AdCom shall meet at least three times per year, upon dates determined by the committee at least three weeks in advance of the meetings. Additional meetings may be called at the discretion of the President or upon request of at least twelve (12) voting members of the AdCom with at least three week's notice.

5.3. The final regularly scheduled meeting in the calendar year is the meeting at which written reports of all committees shall be presented.

5.4. In the absence of extenuating circumstances (as approved by AdCom), directly elected members who miss three successive meetings shall automatically be dropped from the AdCom. Representation by a designated alternate does not constitute attendance.

6. Nomination and Election of the Administrative Committee: The Nominating Committee shall be chaired by the most recent Past President and shall nominate candidates for all elected positions on the AdCom.

6.1. Apart from the Chair, the Nominating Committee should include all the Technical Committee Chairs. In exceptional circumstances a Technical Committee Chair may, in consultation with the relevant Technical Committee and the President, name a replacement to serve on the Nominating Committee.

6.2. The number of vacancies for elected members shall be the difference between the number authorized in Article V, Section 1, of the Constitution and the number with continuing terms. The Transnational Functional Committee will be allocated one directly elected AdCom member. The vacancies shall be divided into categories corresponding to the appropriate Standing Technical Committees with the number per category chosen to maintain representation of the entire AdCom in proportion to the NPSS membership technical interests as determined by periodic surveys. The Nominating Committee shall submit a slate of at least two names for each vacancy to be filled.

6.3. The Chair of the Nominating Committee shall assure, before April 1, that a call for nominations is conveyed to the whole membership either through the Newsletter or through a separate mailing. Nominations must be submitted to the Chair of the Nominating Committee on a nomination form that includes a statement of the willingness and ability of the nominee to serve if elected, the membership status of the nominee in IEEE and NPSS, a short biography and a statement of the issues that the candidate wishes to ad-

dress as an AdCom member. Additional nominations for the available category vacancies may be submitted to the Society President using the same nomination form, between June 1 and July 1 upon petition signed by 20 members in good standing of the Society or by 5 members of the AdCom.

6.4. The Chair of the Nominating Committee shall, with the aid of the committee members, determine the slate of nominees by July 1.

6.5. Current elected members of the AdCom and current Nominating Committee members are ineligible for nomination.

6.6. All nominees and petition candidates must be members in good standing of the Nuclear and Plasma Sciences Society and the IEEE.

6.7. The Chair of the Nominating Committee shall annually arrange for the distribution (through IEEE Headquarters) to the members of the Society on or about July 31, a ballot to elect the candidates to fill vacancies on the AdCom. The names on the ballot shall be followed by an indication of the method of nomination, whether by committee nomination or by petition. The names of the nominees shall be grouped and labeled by categories corresponding to the Standing Technical Committees. The ballot shall be accompanied by a short biographical sketch and position statement prepared by each nominee or petition candidate.

6.8. Sixty days after distribution of the ballots, the IEEE Headquarters shall count and tabulate the votes received and report the results to the AdCom. The candidate with the most votes shall be elected.

6.9. Election of the President of AdCom: An election for President will be held by written ballot before the final AdCom meeting of the even-numbered years. The ballot for election of the President will indicate two choices: 1) the current Vice-President and (2) an indication that an open election is desirable. The ballots shall be distributed by the Chair of the Nominating Committee to all voting members of AdCom for return to the Secretary of AdCom 30 days prior to the final AdCom meeting of the year. The Secretary of AdCom is responsible for counting the ballots and announcing the results of the election. Should the Vice-President fail to receive a majority of the votes on the returned ballots, then AdCom will itself determine a slate of candidates for President and vote at the final AdCom meeting

6.10. Nomination and Election of the Vice-President of AdCom. The Nominating Committee shall determine a slate of candidates for Vice-President according to the guidelines set forth in Article V, Section 4. In selecting candidates for the NPSS Vice-President the Nominating Committee will ensure that those candidates shall be eligible for and will, barring unforeseen circumstances, be willing to serve for the full terms of all succeeding positions (two years as Vice-President, two years as President, and two years as the most recent Past President). The slate of candidates for Vice-President will appear on the same ballot as the election for President (specified in Bylaw 6.9) and will be subject to the same election schedule.

6.11. Executive Committee (ExCom): An executive committee consisting of the President, Vice-President, Past President, Secretary, Treasurer and any other current members of AdCom, whether voting members or not, who have held the position of President, shall form the ExCom.

6.12. The ExCom shall advise the President on issues that the President or other members of the ExCom choose to raise between meetings of the AdCom. Business shall generally be conducted by telephone, e-mail or similar means of communication. In exceptional circumstances, the President can call a meeting of the ExCom.

7. Standing Technical Committees: The Standing Technical Committees of the Society shall be:

- The Computer Applications in Nuclear and Plasma Sciences Technical Committee
- The Fusion Technology Technical Committee
- The Nuclear Medical Imaging and Sciences Technical Committee
- The Particle Accelerator Science and Technology Technical Committee
- The Plasma Sciences and Applications Technical Committee
- The Pulsed Power Science and Technology Technical Committee

The Radiation Effects Technical Committee
The Radiation Instrumentation Technical Committee

7.1. Standing Technical Committees may be of either of two forms, elective or appointive, in accordance with Article V, Section 9, of the Constitution of the Society.

7.2. The Chairs of Standing Technical Committees shall be members in good standing of the Nuclear and Plasma Sciences Society and the IEEE.

7.3. The terms of office of the Chairs of elective Standing Technical Committees shall be in accordance with the rules of each committee except that no Chair shall serve consecutively for more than three years or for two conferences when the technical committee has conferences every two years.

7.4. The President of the Society shall appoint the Chairs of the appointive Standing Technical Committees for a term of one year. A Chair may not serve consecutively for more than three years except in the case where a conference is held biennially and it is the wish of the appointive Standing Technical Committee that runs the conference to have their Chair serve for two of the conferences.

7.5. The Chairs and the Vice-Chairs of elective Standing Technical Committees shall be elected by the respective committees. The name of the Chair and the Vice-Chair so elected shall be transmitted along with a notification of the length of term of office to the Secretary of the AdCom by the outgoing Chair of each elective Technical Committee as soon as expedient after election.

7.6. A standing Technical Committee shall gain elective status by presenting a petition requesting such status signed by at least 15 members of the Committee which shall demonstrate that the requirements of Article V, Section 9 of the Constitution have been met. Approval of the elective status of a Standing Technical Committee shall be processed as an amendment to the Bylaws in accordance with Article VIII of the Constitution.

7.7. Standing Technical Committees may be created or changed by amending the Bylaws in accordance with Article VIII of the Constitution.

7.8. The Standing Technical Committee shall take the initiative in their respective fields of interest on behalf of the Society.

7.9. Each of the Standing Technical Committees shall as a minimum submit a written report of its activities to the AdCom prior to the final meeting of each year. The membership and activities of the Standing Technical Committees will be publicized to the membership of the Society via the newsletter or Transactions, and suggestions for committee membership will be invited from Society members and chapters.

7.10 Status and Fields of Interest of Standing Technical Committees:

7.10.1. The field of interest of the Appointive Computer Applications in Nuclear and Plasma Sciences Standing Technical Committee shall include real-time and off-line computer systems, including hardware and software aspects of data acquisition, data analysis, data storage, and control, in any and all of the technical disciplines covered by the Society.

7.10.2 The field of interest of the Appointive Fusion Technology Standing Technical Committee shall include the engineering aspects of controlled fusion research and fusion reactor technology.

7.10.3 The field of interest of the Elective Nuclear Medical and Imaging Sciences Standing Technical Committee shall include radiation sources and detectors, radiation standards and monitoring, scanning and imaging systems, including image reconstruction and analysis.

7.10.4. The field of interest of the Appointive Particle Accelerator Science and Technology Standing Technical Committee shall include the theory, design, construction and operation of nuclear particle accelerators, their beam diagnostics, and their applications in high energy particle physics, low energy nuclear physics, radiation sources and general technology.

7.10.5. The field of interest of the Elective Plasma Science and Applications Standing Technical Committee shall include plasma science and engineering, including: magnetofluid dynamics and thermionics; plasma dynamics; gaseous electronics and arc technology; controlled thermonuclear fusion; electron, ion, and plasma sources; space plasmas; high current relativistic electron beams; laser-plasma interactions; diagnostics; plasma chemistry, plasma processing and colloidal and solid state plasmas.

7.10.6. The field of interest of the Appointive Pulsed Power Science and

Technology Standing Technical Committee shall include the understanding, development and applications of pulsed power to plasma physics, nuclear science and related fields.

7.10.7. The field of interest of the Radiation Effects Standing Technical Committee shall include the effects of radiation on materials, components and systems.

7.10.8. The fields of interest of the Elective Radiation Instrumentation Standing Technical Committee shall include sensors, electronic instrumentation, and systems for the measurement of ionizing radiation and high-energy particles with the emphasis on the tools, not the results of experiments using these tools.

8. Functional Committees: The President of the Society shall appoint the Chairs of the following Standing Functional Committees:

- Awards Committee
- Chapters and Local Activities Committee
- Communications Committee
- Fellow Committee
- Finance Committee
- Meetings Committee
- Membership Committee
- Standards Committee
- Students and Careers Committee

The remaining Functional Committees have their Chairs defined elsewhere in the Bylaws:

- Nominating Committee
- Publications Committee
- Transnational Committee

8.1. Except where otherwise specified in the Bylaws, each committee Chair shall appoint the members of the committee.

8.2. The terms of office of Chairs of Standing Functional Committees shall be one year.

8.3. The Chairs of Standing Functional Committees shall be members in good standing of the Nuclear and Plasma Sciences Society and the IEEE.

8.4. Awards Committee: Solicits nominations for the various awards made by the Society, evaluates the nominees and selects those to whom the awards will be made. The Chair of the Awards Committee serves as the NPSS liaison to the TAB Awards and Recognition Committee.

8.5. Chapter and Local Activities Committee: Provides organization and program assistance, especially with respect to conferences, educational activities and the Speakers Bureau, to support and motivate existing Chapters. Promotes and assists in the creation of new Chapters in collaboration with the appropriate IEEE Section or Council Chairs.

8.6 Communications Committee: Prepares and maintains promotional material for membership recruitment and other purposes as required. Responsible for the maintenance of the web site for both membership promotion and to publicize NPSS activities either directly or through links to conference, publication, and other web sites.

8.7. Fellow Committee: Evaluates the credentials of and ranks the IEEE Fellow Candidates referred to the NPSS for evaluation. The committee shall follow the procedures and guidelines established by the IEEE Fellows Committee.

8.8. Finance Committee: Monitors the financial status of the Society and reports any developing trends along with recommended actions, conducts financial studies and analyses on any Society or IEEE issues having financial implications for the Society, and reports on these matters regularly at AdCom meetings.

8.9. Meetings Committee: Responsible for recommending policies and procedures to AdCom for all conferences and symposia for which the NPSS takes full or partial financial responsibility.

8.10. Membership Committee: Responsible for encouraging and recruiting new Society members and Society affiliation by inviting IEEE members who have an interest in NPSS activities, by generating interest among non-IEEE members, and by making application forms available and soliciting memberships at appropriate meetings and symposia.

8.11. The Nominating Committee The Nominating Committee shall

be formed and administered according to the Bylaws pertaining to nominations. The Nominating Committee develops a slate of nominees for the directly elected member positions on the AdCom that become vacant each year and recommends candidates for Vice-President of the Nuclear and Plasma Sciences Society.

8.12. Publications Committee: Reports to AdCom on all publications activities sponsored by the NPSS. In particular, proposes an annual budget for each publication and brings to AdCom's attention any proposed new initiatives for discussion and possible approval. Also keeps AdCom apprized of IEEE publications policies and procedures and is responsible for ensuring that NPSS publications follow these policies and procedures. The Publications Committee shall be chaired by the Editor-in-Chief, and include the Editor of the Transactions on Nuclear Science, the Editor of the Transactions on Plasma Science, the Editor of the Newsletter, and the Treasurer of the Society.

8.13. Standards Committee: Responsible for all activities related to standards for the technical areas associated with this Society. This includes proposing, maintaining, and developing standards for measurement techniques and tests of devices of general interest to manufacturers, developers, and users.

8.14. Students and Careers Committee: Studies and proposes specific programs to foster engineering careers, including the following: special support for students to attend conferences, short courses and related IEEE activities; scholarship support for graduate students specializing in Nuclear and Plasma Sciences; programs to help engineers in career transition; programs to encourage women, minorities and the handicapped into and within the profession.

8.15 Transnational Committee: The purpose of this committee is to foster the involvement in NPSS activities of people from countries other than the United States and Canada. The directly elected member representing the Transnational Committee is the Chair for this committee. Candidates for this position may not be from the United States or Canada.

9. Disbursements: Disbursement from Society funds shall be on the authority of the Treasurer as directed by the AdCom, and in accordance with established procedures and policies of the IEEE. The President and AdCom may authorize the Treasurer to disburse funds to defray legitimate expenses incurred by the Chairs and members of the Standing Technical and Functional Committees and others in connection with required attendance at official Society, IEEE or other meetings and the costs of publications. Such expenditures must be approved by the President before being incurred.

9.1. The compensation and expense allowance of the Editor-in-Chief and the Editors of the Society's Transactions and Newsletter shall be reviewed annually as a part of the preparation of the annual budget by the Treasurer and shall be approved by the AdCom as part of the budget approval.

10. Ballots: All ballots, for purposes of election of members of AdCom or changes in the Constitution, shall be issued to all voting members of the NPSS on instructions of the Chair of the Nominating Committee pursuant to action by the AdCom. Ballots for directly elected AdCom members will direct Society members to only vote for candidates of Standing Technical Committees of which they are members or in which they are active. No ballot shall be counted unless unambiguously marked by a qualified voter to indicate a choice, sent in a sealed envelope bearing the voter's name, and received on or before the specified deadline date. This specified deadline date shall be at least sixty days subsequent to the date of mailing of the ballots. The counting of the ballots shall be entrusted to IEEE Headquarters. The Chair of the Nominating Committee shall report the results to the AdCom.

11. Beginning of Terms of Office: All terms of office of elected members of the AdCom shall begin January 1 of the year immediately following their election, except in the case where an elected member of AdCom does not complete a term of office. In this special case, the term of office of the replacement will begin immediately after the results of the election are known.

12. Meetings: The Society may not organize or sponsor a meeting, conference, symposium, or session thereof without consulting the Chair of the Meetings Committee.

13. Alternates:

13.1. The Chair of a Standing Technical Committee may designate any member in good standing of the Society to represent the Standing Technical Committee at AdCom meeting. The representative shall have the privilege of the floor, but may not vote on any matters coming before AdCom.

13.2. The Constitution and Bylaws of an Elective Standing Technical Committee may include a provision that a specified Committee officer can, when needed, serve as an alternate for the Chair at AdCom meetings. This alternate has the privilege of the floor and may vote on all matters coming before AdCom.

February 18, 2004

NPSS Policies and Procedures

<u>NPSS Policy and Procedure</u>	<u>Revision</u>	<u>Available from</u>
Policy and Procedure for IEEE/NPSS Conferences 780620-17	121898	Louis Costrell or Raymond S. Larsen

Constitution and Bylaws of the Plasma Science and Applications Committee of the IEEE Nuclear and Plasma Sciences Society

Constitution

Article I—Name and Object

Section 1. This organization shall be known as the Plasma Science and Applications Committee (PSAC) of the IEEE Nuclear and Plasma Sciences Society (NPSS), referred to hereafter as the Committee. This elective standing technical committee was formed in 1973.

Section 2. The Committee shall strive for the advancement of the theory and applications of plasma science and of its allied arts and sciences and the maintenance of high scientific and technical standards among its members.

Section 3. The Committee shall aid in promoting close cooperation and exchange of technical information among its members, and to this end shall hold meetings for the presentation and discussion of original contributions, shall assist in the publication of the Transactions on Plasma Science, and shall otherwise provide for the needs of its members.

Section 4. The Committee shall attempt to provide information on plasma science to those who request it.

Article II—Field of Interest

Section 1. The field of interest of the Committee is the plasma sciences and their related technologies and applications. The Committee shall foster publication or other dissemination of original contributions to the theory, experiments, educational methods, and applications of plasma science, and to the development of standards. Areas of technical activity will include, but not be limited to the following:

Section 2.

1. Magnetohydrodynamics
2. Thermionics and plasma diodes
3. Basic plasma phenomena
4. Gaseous electronics
5. Microwave/plasma interaction
6. Electron, ion, and plasma sources
7. Space plasmas
8. Intense electron and ion beams
9. Laser-plasma interactions
10. Plasma diagnostics
11. Plasma chemistry and processing
12. Solid-state plasmas
13. Plasma heating
14. Plasmas for controlled fusion research
15. High energy density plasmas
16. Industrial/commercial applications of plasma physics
17. Plasma waves and instabilities
18. High-power microwave and submillimeter wave generation

Article III—Membership

Section 1. Members of the Committee are members or affiliates of the NPSS who subscribe to the Transactions on Plasma Science. Only members of the Committee are entitled to vote on Committee matters.

Article IV—Administration

Section 1. The Committee shall be managed by an Executive Committee (Ex Com) consisting of elected members-at-large, plus certain other members as specified herein and in the Bylaws. The number of elected members-at-large shall be 18 members.

Section 2. The terms of office of the elected members-at-large shall be three years. Members-at-large elected to three-year terms may not succeed themselves; however, such members-at-large may be candidates in the election held immediately after their term of service, for the term beginning a

year after the expiration of their previous term. Election of members-at-large shall be held annually to fill vacancies for the coming year. The terms of office of the other members shall be specified in the Bylaws.

Section 3.

(a) The affairs of the Committee shall be managed by the Chairperson as directed by the Ex Com and in accordance with the powers and duties as defined hereunder and in the Bylaws. In the event of the Chairperson's absence or incapacity, these duties shall be performed by the Vice-Chairperson.

(b) The Chairperson shall appoint a Secretary for the Committee. The Secretary need not be chosen from among the elected members-at-large.

Section 4.

(a) The Chairperson and Vice-Chairperson shall be elected by the voting members of the Ex Com from among the eligible members-at-large of the Ex Com. The term of office for the Chairperson shall be two years and, for the Vice-Chairperson, one year.

(b) Only those members-at-large having one year or more of their term remaining shall be eligible for election as Chairperson or Vice-Chairperson. In the event that a Chairperson is elected to take office at the beginning of the second or third year of a term as member-at-large, said term shall automatically extend until he or she vacates the office of Chairperson. During this extension the Chairperson shall be considered a full member with vote. No individual may be elected to two successive terms as Chairperson.

(c) In the event that neither the Chairperson or the Vice-Chairperson is able to take office as prescribed in the Bylaws or if both are incapacitated or if both offices become vacant, the Ex Com shall promptly elect an Acting Chairperson from among the members-at-large to assume the duties of Chairperson until either the Chairperson or Vice-Chairperson takes office or resumes his or her duties.

Section 5. The Chairperson shall be an ex-officio member of all subcommittees of the Committee.

Section 6. The Chairperson, as soon as expedient after election, shall appoint the Chairpersons of the subcommittees provided for in the Bylaws.

Article V—Nomination and Election of Executive Committee Members-at-Large

Section 1. Nominating procedures shall be as prescribed in the Bylaws and shall include provision for nomination by Society members.

Section 2. Election of the members-at-large of the Executive Committee shall be as prescribed in the Bylaws.

Section 3. If a member of the Ex Com does not complete a term, the vacancy shall be filled at the next regular election for the unexpired portion of the term.

Article VI—Meetings

Section 1. The Committee may hold meetings, conferences, symposia or conventions either alone or in cooperation with other organizations subject to applicable IEEE and NPSS rules and regulations. The primary conference to be held by the Committee shall be the International Conference on Plasma Science (ICOPS).

Section 2. Meetings, conferences, or conventions sponsored by the Committee shall be open to all members or affiliates of the NPSS. The Committee may not sponsor or cosponsor a meeting which is in any way subject to security clearance.

Section 3. Eight voting members of the Executive Committee or their representative proxies shall constitute a quorum. No member or repre-

sentative proxy shall have more than one vote by reason of multiple offices, by serving as a proxy, or because of Committee responsibilities.

Section 4. A majority of the legal votes cast by those members of the Executive Committee attending a meeting shall be necessary for the conduct of its business except as otherwise provided in this constitution.

Section 5. Business of the Executive Committee may be handled by correspondence, telephone, or electronic communications (fax, email, etc.) where, in the opinion of the Chairperson, matters requiring prompt action can be adequately handled in that manner. A majority vote of the full Ex Com is required to take action in such a case. Telephone actions are to be promptly confirmed in writing by the Chairperson.

Section 6. The Executive Committee shall meet as required to conduct business and in accordance with the Bylaws.

Article VII—Amendments

Section 1. Amendments to this Constitution may be initiated by petition submitted by a two-thirds vote of the Ex Com, such petition being submitted to the Administrative Committee (Ad Com) of the NPSS for approval. After such approval, the proposed amendment shall be published in the NPSS News, with notice that it goes into effect unless 20 members of the Plasma Science and Applications Committee object in writing to the President of the NPSS Ad Com within 90 days of the date of mailing of the notice.

If such objections are received, a copy of the proposed amendment shall be mailed with a ballot to all members of the Committee at least 30 days before the date set for the return of the ballots; the ballots shall carry a statement of the deadline for their return to IEEE Headquarters. When a mail vote of the entire Committee membership is made necessary, approval of the amendment by at least two-thirds of the ballots returned shall be necessary for its enactment.

Section 2. As an alternative to the procedure outlined in Section 1 above, ten members of the Committee may submit a petition to the Ad Com of the NPSS. If approved by the NPSS Ad Com and after notification of the Ex Com, the proposed amendment shall be submitted to the membership of the entire Plasma Science and Applications Committee by mail ballot as described above.

Section 3. Committee Bylaws, and amendments thereto, may be adopted by a two-thirds vote of the Ex Com, provided that notice of the proposed Bylaw or amendment has been sent to each member of the Ex Com at least a week prior to such meeting, or a Committee Bylaw or amendment may be adopted by a two-thirds mail vote of the members of the Ex Com, provided a 30-day period is provided for such responses. In either event, the proposed Bylaw or amendment shall be published in the NPSS News. No Bylaw or amendment shall take effect until it has been approved by the Ad Com of the NPSS.

Article VIII—Revision

Section 1. The Chairperson of the Committee shall appoint a seven-person subcommittee every tenth year, starting with January 1, 2004, to evaluate the effectiveness of this Constitution and Bylaws, to study the rules of governance required by the activities of the Committee at that time, and to consider writing a new Constitution and Bylaws appropriate to the existing and anticipated needs of the Committee.

Bylaws

1. Executive Committee: Article IV of the Constitution provides that the Executive Committee shall consist of a number of elected members-at-large plus certain other members. These other members of the Executive Committee shall be, unless they are already elected members-at-large, the Chairperson of the Committee and the Editor of the Transactions on Plasma Science. Certain other individuals who are carrying out specific functions or activities are also expected to attend Ex Com meetings, even if they are not members of Ex Com. These include, the Secretary, the elected Ad Com

members representing the interests of PSAC, the most recent past-Chairperson of the Committee, the Chairpersons of the Functional Subcommittees, and the Chairperson of the ICOPS to be held the following year.

1.1 The voting members of the Executive Committee shall be the elected members-at-large, the Chairperson, and the Editor of the Transactions on Plasma Science.

1.2 The Executive Committee shall meet at least two times per year, upon dates determined by the Chairperson at least three weeks in advance of the meeting. One of these two meetings shall be held in conjunction with the IEEE International Conference on Plasma Science (ICOPS). Additional meetings may be called at the discretion of the Chairperson or upon request of at least nine voting members of the Executive Committee with at least three weeks' notice.

1.3 The last regularly scheduled meeting in the calendar year shall be considered the Annual Meeting of the Executive Committee.

1.4 In the absence of extenuating circumstances as approved by Ex Com, an elected member-at-large who misses three successive meetings and does not send a representative shall automatically be dropped from the Executive Committee. An individual representing an elected member at an Ex Com meeting may cast only that member's vote.

2. Nomination and Election of Executive Committee Members-at-Large: The Ex Com shall include 18 members-at-large, each serving a three-year term. Six posts, plus any vacancies occurring in the previous year, are to be filled each year by election of the general membership of the Committee.

2.1 At least one nomination for each vacant post as a member-at-large shall be made. Nominations may be made by any member of the Ex Com or any member of the Committee, up until a date fixed each year by the Chairperson of the Committee. That date shall be no later than July 1. Self nominations are accepted. The Chairperson of the Committee is responsible for ensuring that at least one nomination is obtained for each position to be filled.

2.2 The individual making a nomination must determine in advance that the nominee is willing to serve if elected. A nomination is only valid if it is submitted in writing on the PSAC Nomination Form or a reasonable facsimile. The name, address, and phone number of the nominee must be included, as well as a short biographical sketch. In addition, the nomination must provide either the IEEE membership number of the nominee, or a statement that an application for membership in the IEEE and PSAC has been submitted.

2.3 If there are more nominations than posts to be filled, those nominees receiving the highest number of votes will be elected. Any vacancy on Ex Com resulting from an uncompleted three-year term shall remain unfilled until the next regularly scheduled election. At that time, the remainder of the uncompleted term shall be filled by the nominee receiving the next highest vote total after determination of the six regular three-year terms. In the event of a tie vote by the general membership of PSAC, the individual selected will be determined by a majority vote of the voting members of Ex Com. The tie-breaking vote of the Ex Com members shall be conducted by fax or electronic mail by the Secretary of Ex Com. The Secretary shall endeavor to obtain the results as far as possible in advance of the Annual Meeting of the Executive Committee.

2.4 The Chairperson of the Committee shall arrange, before April 1, that a call for nominations is conveyed to the whole membership through the NPSS News.

2.5 Current members-at-large of the Executive Committee who are serving full terms are ineligible for nomination.

2.6 All nominees must be either members in any grade of IEEE and of the Plasma Science and Applications Committee or must have submitted an application for membership in IEEE, NPSS, and PSAC at the time the nomination is forwarded to IEEE Headquarters. An affiliate member of NPSS is not eligible to be a nominee for member-at-large.

2.7 The Secretary shall annually arrange for the distribution to the members of the Committee on or about July 31, a ballot to elect the candidates to fill member-at-large vacancies on the Executive Com-

mittee. The ballot shall be accompanied by a short biographical sketch of each nominee with an indication of the nominee's plasma science activities and former or present IEEE activities.

2.8 Sixty days after distribution of the ballots, the IEEE Headquarters shall count and tabulate the votes received and report the results to the Chairperson of the Executive Committee.

2.9 The Chairperson of the Executive Committee shall submit to the Secretary of the NPSS Ad Com the names of the candidates with the largest number of votes to fill the designated vacancies.

2.10 A member-at-large who is elected to fill the remaining portion of a term of less than three years is eligible for renomination to Ex Com for a term beginning at the expiration of the partial term.

3. Each of the Functional Subcommittees shall submit a written report of its activities to the Executive Committee prior to or at the Annual Meeting. In general, there is no need for presubmission of nonpressing material. The membership and activities of the Functional Subcommittees should be publicized to the membership of the Committee via the NPSS News.

4. Functional Subcommittees: The Chairperson of the Committee shall appoint the Chairpersons and members of the following Functional Subcommittees:

Membership Subcommittee

To recommend to Ex Com and to implement approved actions to increase PSAC membership.

Site Selection Subcommittee

To identify, encourage, and solicit potential ICOPS sites and conference Chairpersons

Human Rights Subcommittee

To recommend to Ex Com and to implement approved actions to foster human rights

Minicourse Subcommittee

To identify, encourage, and solicit potential ICOPS minicourses

Awards Subcommittee

To identify PSAC member candidates for various IEEE awards

PSAC Special Award Subcommittee

To select recipient of the PSAC Special Award (see Bylaw 14)

The members of the Special Award Subcommittee shall be the PSAC Chairperson, the voting members of Ex Com, and the editor of the Transactions on Plasma Science.

The Chairperson may authorize additional Functional Subcommittees if deemed necessary for the efficient functioning of Ex Com.

4.1 The terms of office of Chairpersons of Functional Subcommittees shall be one year.

4.2 The Chairpersons of Functional Subcommittees must be members of the Plasma Science and Applications Committee.

5. Ballots: Ballots intended for all members of the Committee shall be prepared by the Secretary pursuant to action by the Ex Com. No ballot shall be counted unless unambiguously marked by a qualified Committee member to indicate his or her choice and sent in a sealed envelope bearing the voter's name on or before the specified deadline date. This specified deadline date shall be at least thirty days subsequent to the date of the mailing of the ballots. The distribution and counting of ballots issued to all members of the Committee shall be entrusted to IEEE Headquarters. The Secretary of Ex Com shall report the results to the Ex Com at the Annual Meeting.

6. Beginning of Terms of Office: All terms of office of elected members-at-large of the Executive Committee shall begin January 1 of the year immediately following their election.

7. The Chairperson of the Committee shall actively encourage the broadest possible representation from throughout the plasma science community on the Executive Committee and in its activities.

8. Any member of the Committee may present a contributed paper at meetings sponsored by the Committee, provided that the subject matter of the paper is, in the judgment of the Program Committee for the meeting, germane to Plasma Science.

9. The Editorial Board and the Editor of the Transactions on Plasma Science shall strive to assure that publication of papers in the Transactions depends only upon the technical merit of the paper, and not upon the financial condition of the author.

10. Election of Chairperson of Ex Com: The Chairperson of Ex Com shall be nominated and elected from among the eligible members-at-large of Ex

Com. Nominations and seconds shall be solicited by the Chairperson at the Ex Com meeting prior to the Annual Meeting in even numbered years. The Chairperson will also accept nominations and seconds up to one month prior to the Annual Meeting. The Secretary of Ex Com shall send written ballots to all voting Ex Com members at least three weeks prior to the Annual Meeting. The marked ballots may be sent or delivered in person to the Secretary prior to the beginning of the Annual Meeting. Ballots shall conform to the specifications of Bylaw 5 except that the Chairperson shall designate tellers to verify and count the ballots during the Annual Meeting. The vote shall be announced and the nominee receiving a majority of votes cast shall be declared elected. In the event that no candidate receives a majority of the votes cast, runoff elections shall be conducted by secret ballot at the Annual Meeting between the candidates receiving the two highest numbers of votes until one candidate receives a majority of the votes cast. The term of office of Chairperson shall begin January 1 of the year immediately following the election.

11. Election of Vice-Chairperson of Ex Com: The Vice-Chairperson of Ex Com shall be nominated and elected from among the eligible elected members-at-large of Ex Com. Nominations and seconds shall be solicited by the Ex Com Chairperson prior to or during the Annual Meeting. The election shall be conducted by secret ballot. The vote shall be announced and the nominee receiving a plurality of votes cast shall be declared elected. The term of office of Vice-Chairperson shall begin January 1 of the year immediately following the election.

12. The IEEE International Conference on Plasma Science: The Chairperson of an ICOPS must be a member of the Plasma Science and Applications Committee. The ICOPS Chairperson is expected to follow the guidelines in the ICOPS guide, "Doing a COPS," and in the Manual for the Policy and Procedure for IEEE/NPSS Conferences. The Conference Chairperson is responsible for the budget of the conference and determines the registration fees to be charged. He or she shall appoint the members of the Organizing Committee and the Program Committee. At least one former Chairperson of an ICOPS shall be included on the Program Committee.

13. Open Business Meeting of the Committee: An annual open Business Meeting of the Committee shall be held in conjunction with ICOPS.

14. The Plasma Science and Applications Special Award: To recognize outstanding individual contributions to the field of Plasma Science, the Committee gives a Special Award at the ICOPS. The Special Award consists of a monetary award and a plaque, with the award money included in the ICOPS budget. Changes in the award amount must be approved by Ad Com and the appropriate IEEE committee. The recipient shall be invited to deliver an address at the ICOPS in the year of the award and to submit the text of the talk for an invited paper in the Transactions on Plasma Science. Publicity announcing the award recipient shall appear in appropriate NPSS publications and in other professional publications.

Award nomination forms for the following year's award are to be distributed at the ICOPS. A nomination must be endorsed by three current IEEE members. Any person except a current member of Ex Com is eligible for the award. Selection of the recipient is based upon any evidence the PSAC Special Award Subcommittee wishes to consider. A nominee need not be a member of NPSS or IEEE but, where candidates have otherwise equal qualifications, preference shall be given to the candidate who is an IEEE member. Nomination materials must be mailed by the Subcommittee Chairperson to the voting members of Ex Com one month prior to the Annual Meeting. No more than four votes of the Subcommittee by secret ballot shall be taken at a separate Subcommittee Meeting following the Annual Meeting, and the vote of at least 3/4 of the Subcommittee present, but no fewer than three votes, is required to select a recipient. Proxy votes are not permitted at this Subcommittee Meeting. If no agreement of the Subcommittee can be reached or if no candidates are nominated, the award will be skipped for that year.

15. The Secretary shall maintain a permanent record of all non-routine motions passed by the Ex Com and provide a tabulation of the most recent five years of motions and a copy of the PSAC Constitution and Bylaws to each newly elected member-at-large.

June 3, 1995

Constitution and Bylaws of the Radiation Effects Committee of the IEEE Nuclear and Plasma Sciences Society

Constitution

Article I - Title and Objectives

Section 1. This organization shall be known as the Radiation Effects Committee (REC) of the IEEE Nuclear and Plasma Sciences Society, referred to hereafter as the Committee.

Section 2. The Committee shall strive for the advancement of the theory of radiation effects, the application of radiation effects and its allied sciences, the dissemination of information pertaining to these fields, and the maintenance of high scientific and technical standards among its members.

Section 3. The Committee shall aid in promoting close cooperation and the exchange of technical information among its members, and to this end shall hold meetings for the presentation and discussion of original contributions, shall assist in the publication of an annual issue of IEEE Transactions on Nuclear Science, shall coordinate the development of radiation effects measurement definitions and standards within both IEEE and other standards organizations, shall provide a sounding board for radiation effects specialists, shall provide for the continued professional development and needs of its members, and shall provide liaison between IEEE and other technical organizations in the areas of radiation effects.

Article II - Field of Interest

The field of interest of the Committee is radiation effects. The Committee shall present, publish, and disseminate original contributions to theory, experiments, educational methods and applications of radiation effects, and develop and/or support the development of standards. Areas of technical activity will include, but not be limited to, the following:

1. Physics and Basic Mechanisms of Radiation Effects on Electronics, Photonics, and Materials.
2. Radiation Effects on Electronic and Photonic Devices and Circuits.
3. Hardened Electronic and Photonic Device and Circuit Fabrication Techniques.
4. Radiation Effects on Systems, System Survivability, and System Hardening.
5. Single Event Effects (SEE), Electronic and Photonic Device and Circuit Hardening, and Simulation.
6. Space Radiation Environments, Space Radiation Effects, and Spacecraft Charging.
7. Modeling of Radiation Effects and Radiation Environments.
8. Dosimetry, Radiation Transport, and Energy Dependent Effects.
9. Hardness Assurance, Testing Techniques, and Measurement Standards.
10. Microelectronic Processing Induced Radiation Effects.
11. Radiation Effects on Particle Detectors and Associated Electronics for High-Energy Accelerators.
12. Electromagnetic Pulse (EMP) and Related Effects and Hardening Techniques.
13. Simulation Fidelity and Technology.
14. Thermomechanical Effects.
15. Synergistic Radiation Effects.

Article III - Membership

General members of the Radiation Effects Committee are defined as those individuals who:

1. Attend the Nuclear and Space Radiation Effects Conference; and/or
2. Request (in writing) membership in the Radiation Effects Committee.

Membership expires three years from the date of last Conference attendance or from the last date of requested membership. Voting privileges are restricted to members in good standing of IEEE and NPSS.

Article IV - Administration

Section 1. The Committee and its affairs shall be managed by a Steering Group (Radiation Effects Steering Group - RESG) consisting of voting and non-voting members. Voting membership shall consist of elected members and certain ex-officio members as specified herein and by the Bylaws. Non-voting membership shall consist of members who are appointed to specific positions for specific terms by the RESG Chairman and approved by the voting membership of the RESG.

Section 2. The Steering Group of the Committee shall be managed by a Chairman, Vice-Chairman, and Secretary, in accordance with their powers and duties as defined hereunder and in the Bylaws. In the event of the Chairman's absence or incapacity, his duties shall be performed by the Vice-Chairman, and then the Secretary.

Section 3. The Chairman of the RESG is responsible for the overall operation of the RESG and the REC.

The Vice-Chairman maintains/updates the Constitution, Bylaws, and Guidelines for Operation, and provides support as requested by the Chairman.

The Secretary serves as the recording secretary for the RESG and the REC (e.g., takes minutes of all meetings) and distributes REC/RESG materials.

Section 4. The Chairman, as soon as possible after his election, shall appoint the Chairmen of the sub-committees provided for in the Bylaws, after approval of those nominations by the voting membership of the RESG.

Article V - Nomination and Election of Radiation Effects Steering Group Members

Section 1. Nominations for Vice-Chairman and Secretary shall be made by a Nominating Committee. The Nominating Committee shall propose a minimum of two names for each elected position except the Chairman. The current Vice-Chairman will, except under circumstances deemed unusual by a majority of voting members of the RESG, be the sole nominee for Chairman. In a circumstance deemed unusual by the RESG, the RESG will itself determine the slate of candidates or candidate for this position. The Nominating Committee shall be made up of four members elected by the REC at the REC Annual Open Meeting the year previous to the election, and shall be chaired by a fifth member (the Past Chairman) who shall have the tie breaking vote. Members of the Nominating Committee must be members in good standing of IEEE and NPSS. They shall determine the official slate of nominees for officers of the RESG. Nominees must be members in good standing of IEEE and NPSS.

An official ballot shall be mailed to all voting members of the REC identifying the official slate of candidates for each position. The ballot shall have blank spaces to allow write-in votes for alternate candidates for each position, except for the position of Chairman. Alternate candidates must be members in good standing of IEEE and NPSS and must be willing to accept the position, otherwise votes for these candidates will be declared invalid.

Section 2. Nominations for Member-at-Large shall be taken from the floor at the Annual Open Meeting of the REC. Election of that member shall be by majority vote by ballot of the voting members of the REC present. Nominees must be members in good standing of IEEE and NPSS.

Section 3. The terms of office of elected members shall be three years. Members-at-Large shall be elected to overlapping terms in successive years. Members elected to three year terms may not succeed themselves. Election of one of the Members-at-Large shall be held annually

to fill that vacancy. The Chairman shall remain a member of the RESG for 3 years past the end of his/her term in the position of Past Chairman.

Section 4. If an elected member of the RESG is unable to complete his term (or has been dropped from membership), the Chairman of the RESG, after approval by the voting membership of the RESG, shall appoint a replacement for the unexpired portion of the term.

Article VI - Technical Meetings

The Committee shall plan for and conduct meetings, conferences, symposia or conventions, either alone or in cooperation with other organizations, subject to applicable IEEE and NPSS rules and regulations.

Article VII - Steering Group Meetings

Section 1. The RESG shall meet to conduct business in accordance with the Bylaws.

Section 2. Four voting members of the RESG shall constitute a quorum for conducting business. No voting member shall have more than one vote.

Section 3. A majority of the votes cast by those voting members of the RESG attending a meeting shall be necessary for the approval of all pending issues, except as otherwise provided in this Constitution or its Bylaws. The RESG Chairman will vote only in the case of a tie.

Section 4. Business of the RESG may be handled by correspondence, telephone, telecopy, electronic mail or other means where, in the opinion of the Chairman, matters requiring prompt action can be adequately handled in that manner. A majority vote of the full voting membership of the RESG is required to take action in such a case. Telephone actions shall be promptly confirmed in writing by the Chairman and provided to all members of the RESG.

Article VIII - Amendments

Section 1. Amendments to this Constitution may be initiated by petition submitted by a two-thirds vote of the full voting membership of the RESG, such petition being submitted to the Ad Com of the NPSS for approval. After such approval, the proposed amendment shall be publicized in the Nuclear Science Transactions or Newsletter, with notice that it goes into effect unless 30 voting members of the REC object in writing within 90 days of the date of mailing or publication of the notice. If such objections are received, the amendment must be voted on by ballot of voting membership of the REC. When such a vote is necessary, approval of the amendment by two-thirds of the votes received is required.

Section 2. As an alternate to the procedure outlined in Section 1 above, 30 members of the REC may submit a petition for amendment to the RESG. The proposed amendment shall be submitted to the membership and voted on by ballot, two-thirds of the votes received being required for passage, prior to being submitted to NPSS Ad Com for approval.

Section 3. Bylaws and Amendments thereto may be adopted by a two-thirds vote of the full voting membership of the RESG, provided that notice of the proposed Bylaw or Amendment has been sent to each member of the RESG at least two weeks prior to such meeting; or a Bylaw or Amendment thereto may be adopted by a two-thirds mail vote of the members of the RESG, provided a 30-day period is provided for such responses. In either event, the proposed Bylaw or Amendment shall be published in the Nuclear Science Transactions or Newsletter. No Bylaw change, or Amendment to, shall take effect until it has been approved by the Ad Com of the NPSS.

Section 4. As an alternative to the procedure outlined in Section 3 above, 30 members of the REC may submit a petition for amendment to the RESG. The proposed amendment shall be submitted to the membership and voted on by ballot, two-thirds of the votes received being required for passage, prior to being submitted to NPSS Ad Com for approval.

Article IX - Revision

When deemed appropriate, the Chairman of the RESG shall appoint, subject to the approval of the RESG, a subcommittee to evaluate the effectiveness of this Constitution and its Bylaws, to study the rules of governance required by the activities of the Committee at that time, and to consider modifying these or writing a new Constitution and Bylaws appropriate to the existing and anticipated needs of the Committee. The Subcommittee shall report its findings to the RESG within one year, who shall report to the next REC Open Meeting.

Article X - Guidelines for Operations

The NSREC and its Functional Committees operate and conduct activities in accordance with Guidelines approved by the voting membership of the RESG. These Guidelines are subordinate to the Constitution and Bylaws. Guidelines can be changed, or exceptions can be made by a majority vote of the voting membership of the RESG.

Bylaws

1. Radiation Effects Steering Group (RESG): Article IV of the Constitution provides for the voting membership of the RESG.

1.1 The RESG shall consist of 7 voting members. The voting members of the RESG shall be the three elected officers (Chairman, Vice-Chairman, and Secretary), the three elected Members-at-Large, and the Past Chairman.

1.2 The RESG shall meet at least three times per year, upon dates determined by the Chairman at least three weeks in advance of the meeting. Additional meetings may be called at the discretion of the Chairman, or upon request of at least five voting members of the RESG, with at least three weeks notice.

1.3 In the absence of extenuating circumstances (as agreed to by a majority of the RESG), elected members who miss two successive meetings shall automatically be dropped from the RESG.

2. Elections:

2.1 Prior to nominating anyone for an elected position, the nominator(s) shall determine in advance that the nominee has agreed to serve if elected.

2.2 All nominees must be members in good standing of the REC, IEEE, and NPSS, and have registered for and attended at least two of the last four Annual Conferences (NSREC).

2.3 Majority vote for election from nominations taken from the floor shall be determined as follows: All seconded nominations shall be accepted. If a majority vote is not obtained on the first ballot, the top three candidates shall go to a second ballot. The person receiving the largest number of votes on the second ballot shall be declared the winner.

2.4 The RESG Chairman shall submit to the Secretary of the NPSS Ad Com the names of individuals elected to the RESG.

2.5 The Chairman of the RESG is responsible for nominating REC candidates for election to the NPSS Ad Com, subject to ratification by the RESG.

2.6 All terms of office of elected members of the RESG shall begin at the conclusion of the REC Annual Open Meeting immediately following their election.

3. Functional Committees:

The Chairman of the RESG shall appoint Chairmen for each of the following Functional Subcommittees, subject to ratification by the RESG:

- A. Publications/Technical Program
- B. Publicity
- C. RADECS Liaison

D. NSREC Chairmen for conferences to include the conferences through two years after his term of office expires (three total).

3.1 The terms of office of Chairmen of Functional Committees shall be concurrent with the RESG Chairman's term; or in the case of Conference Chairmen, two years prior to and one year beyond the date of their conference.

3.2 Each of the Functional Committees shall submit a written report of its activities to the RESG prior to the Annual Meeting. The membership and activi-

ties of the Functional Committees should be publicized to the membership through an Annual Summary report in the NPSS Newsletter.

4. Quality of Publications:

The Publications/Technical Program Chairman and Guest Editor shall strive to ensure that publications of papers in the *IEEE Transactions on Nuclear Science* depends only on the merits of the paper.

Revised 15 July 1997

Constitution and Bylaws of the Nuclear Medical and Imaging Sciences Technical Committee of the IEEE Nuclear and Plasma Sciences Society

Constitution

Article- I - Name and Object

Section 1. The organization shall be known as the Nuclear Medical and Imaging Sciences Technical Committee of the IEEE Nuclear and Plasma Sciences Society (NPSS), hereafter referred to as the Committee.

Section 2. The Committee shall strive for the advancement of theories and applications of Nuclear Medical and Imaging Sciences and of its allied arts and sciences and maintenance of high scientific and technical standards among its members.

Section 3. The Committee shall aid in promoting close cooperation and exchange of technical information among its members and to this end shall hold meetings for the presentation and discussion of original contributions, shall assist in the publication of the Transactions on Nuclear Science (TNS) and other IEEE publications that the committee shall deem appropriate, and shall otherwise provide for the needs of its members

Article- II - Field of Interest

Section 1. The field of interest of the Committee is Nuclear Medical and Imaging Sciences, and their related technologies and applications. It shall foster publication or other dissemination of original contributions to the theories, experiments, educational methods and applications of Nuclear Medical and Imaging Sciences. Areas of technical activity will include, but not be limited to the following:

Section 2.

- 1) Radiation sources (including synchrotron radiation)
- 2) Detectors used for imaging and radiotherapy
- 3) Radiation standards and radiation monitoring for biomedical instrumentation and personnel
- 4) Theory, physics and instrumentation of medical imaging modalities including, but not restricted to:
 - a. Planar Nuclear Medicine (NM)
 - b. Single Photon Emission Computed Tomography (SPECT)
 - c. Positron Emission Tomography (PET)
 - d. Magnetic Resonance Imaging (MRI)
 - e. Magnetic Resonance Spectroscopy (MRS)
 - f. Magnetic Resonance Angiography (MRA)
 - g. Functional MRI (fMRI)
 - h. X-ray Computed Tomography (CT)
 - i. Digital Radiography (DR)
 - j. Related imaging systems and devices
- 5) Modeling and simulation of imaging detectors, devices, systems, and processes
- 6) Image analysis techniques
- 7) Image reconstruction algorithms
- 8) Quantitative imaging methods

Article- III - Membership

Section 1. Members of the Committee are members of the IEEE NPSS having an interest in Nuclear Medical Imaging.

Section 2. Affiliates may participate in the activities of the Society as provided by the IEEE Bylaws and subject to the applicable IEEE rules and regulations and to any additional limitations imposed by the Society Bylaws.

Article- IV - Administration

Section 1. The Committee shall be managed by a Nuclear Medical and Imaging Sciences Council (NMISC) consisting of elected members-at-large, plus certain ex-officio members as specified herein and in the Bylaws. The number of elected members-at-large shall be 15 members.

Section 2. The terms of office of the elected members-at-large shall be three years. Members-at-large elected to a full term may not succeed themselves, and at least one year must elapse before an individual may be re-elected to the NMISC. Election of members-at-large shall be held annually to fill vacancies for the coming year. The terms of office of the ex-officio members shall be specified in the Bylaws.

Section 3.

(a) The affairs of the Committee shall be managed by a Chairperson, as directed by the NMISC and in accordance with the powers and duties as defined thereunder and in the Bylaws. In the event of the Chairperson's absence or incapacity, his/her duties shall be performed by a Vice-Chairperson.

(b) The Chairperson shall appoint a Secretary for the NMISC. The Secretary need not be chosen from among the elected members at large.

Section 4.

(a) On alternate years a Vice-Chairperson (who shall be the Chairperson elect) is elected by the voting members of the NMISC from the eligible members-at-large of the NMISC. The term of office for the Vice-Chairperson shall be two years as Vice-Chairperson, followed by two years as Chairperson, and two years as the Most Recent Past Chairperson.

(b) Only those members-at-large having one year or more of their term as elected member-at-large remaining shall be eligible for election as Vice-Chairperson. In the event that a Vice-Chairperson is elected to take office at the beginning of the second or third year of their term as member-at-large, said term shall automatically extend until he vacates the office of Most Recent Past Chairperson. During this extension, that individual shall be considered an ex officio member with voting rights. No individual may serve two successive terms as Vice-Chairperson or two successive terms as Chairperson.

(c) In the event that neither the Chairperson or the Vice-Chairperson is able to take office as prescribed in the Bylaws, or if both are incapacitated or if both offices become vacant, the NMISC shall promptly elect an Acting Chairperson from among the members-at-large to assume the duties of Chairperson until either a Chairperson or Vice-Chairperson takes office or resumes their duties.

(d) The Vice-Chairperson will, except under circumstances deemed unusual by a majority of the voting members of NMISC, become the sole nominee for the succeeding Chairperson election.

Section 5. The Chairperson shall be an ex-officio member of all sub-committees of the NMISC.

Section 6. The Chairperson, as soon as expedient after their election, shall appoint the Chairpersons of the sub-committees provided for in the Bylaws.

Article V - Nominations and Election of NMISC Members-at-Large

Section 1. Nominating procedures shall be as prescribed in the Bylaws and shall include provision for nomination by NMISTC members.

Section 2. Election of the members-at-large of the NMISC shall be as prescribed in the Bylaws.

Section 3. If a member of the NMISC does not complete their term, the NMISC Chairperson shall appoint a replacement to fill the unexpired portion of the term. When an NMISC member is appointed for a partial term, that person is eligible to run for the next full-term election to the same position.

Article VI - Meetings

Section 1. The Committee may hold meetings, conferences, symposia or conventions either alone or in cooperation with other organizations subject to applicable IEEE and NPSS rules and regulations.

Section 2. Eight voting members of the NMISC shall constitute a quorum. No member shall have more than one vote by reason of multiple offices or Committee responsibilities.

Section 3. A majority of the legal votes cast by those members of the NMISC attending a meeting shall be necessary for the conduct of its business except as otherwise provided in this constitution.

Section 4. Business of the NMISC may be handled by any written means which includes (but is not limited to) correspondence, fax or e-mail if, in the opinion of the Chairperson, matters requiring prompt action can be adequately handled in that manner. A majority of the voting members of NMISC is required to take action in such a case. Such actions are to be promptly confirmed in writing by the Chairperson to NMISC.

Section 5. The NMISC shall meet as required to conduct business and in accordance with the Bylaws.

Article VII - Amendments

Section 1. Amendments to this Constitution may be initiated by petition submitted by a two-thirds vote of the NMISC, such petition being submitted to the Ad Com of the NPSS for approval. After such approval, the proposed amendment shall be publicized in the IEEE TNS or Medical Imaging (TMI), and/or the NPSS Newsletter, with notice that it goes into effect unless 20 Committee members object within 90 days of the date of mailing of the notice. If such objections are received, a copy of the proposed amendment shall be mailed with a ballot to all members of the Committee at least 30 days before the date set for the return of the ballots; the ballots shall carry a statement of the deadline for their return to the IEEE office. When a mail vote of the entire Committee membership is made necessary, approval of the amendment by at least two-thirds of the ballots returned shall be necessary for its enactment.

Section 2. As an alternative to the procedure outlined in Section 1 above, 10 members of the Committee may submit a petition to the Ad Com of the NPSS. If approved by the NPSS Ad Com and after notification of the NMISC, the proposed amendment shall be submitted to the membership by mail ballot as described above.

Section 3. Committee Bylaws, and amendments thereto, may be adopted by two-thirds vote of the NMISC, provided that notice of the proposed Bylaw or amendment has been sent to each member of the NMISC at least a week prior to such meeting. Alternatively, a Committee Bylaw or amendment may be adopted by a two-thirds mail vote of the members of the NMISC, provided a 30-day period is provided for such responses. In either event, the proposed Bylaw or amendment shall be publicized in the NPSS TNS or TMI, and/or the NPSS Newsletter. No Bylaw or amendment shall take effect until it has been approved by the Ad Com of the NPSS.

Article VIII - Revision

Section 1. The Chairperson of the NMISC shall appoint a five-person sub-committee no later than January 1, 2007, and every five years hence to evaluate the effectiveness of this Constitution and Bylaws, to study the rules of governance required by the activities of the Committee at that time, and to consider writing a new Constitution and Bylaws appropriate to the existing and anticipated needs of the NMISC.

Bylaws

1. NMISC: Article IV of the Constitution provides that the NMISC shall consist of a number of elected members-at-large plus certain ex-officio members. The ex-officio members of the NMISC shall be (unless they are already elected members-at-large), the Chairpersons of the Functional Sub-Committees, the Chairperson of the Radiation Instrumentation Technical Committee, the Secretary, the Editors and Associate Editors of the IEEE TNS and other publications as deemed appropriate by the NMISC and such other ex-officio members as are provided for in the Constitution and Bylaws of the NPSS.

1.1 The voting members of the NMISC shall be the elected members-at-large, the Chairperson, Vice-Chairperson, and Most Recent Past Chairperson.

1.2 The NMISC shall meet at least once per year, upon dates determined by the Chairperson at least three weeks in advance of the meeting. Additional meetings may be called at the discretion of the Chairperson or upon request of at least eight voting members of the NMISC with at least three weeks notice.

1.3 The last regularly scheduled meeting in the calendar year shall be considered the Annual Meeting of the NMISC.

1.4 The Annual Meeting of the NMISC will be open to all Committee members.

2. Nomination and Election of NMISC Members: Articles IV & V of the Constitution specify the number of NMISC members-at-large, as well as the term length and restrictions. One third of the NMISC members-at-large posts are to be filled each year by election of the general membership of the Committee.

2.1 The Chairperson of the NMISC is responsible for ensuring that at least one nomination is made for each vacant post. Nominations may be made by any member of the NMISC or any member in good standing of the Committee. Self nominations are allowed.

2.2 The Individual making a nomination must determine in advance that the nominee is willing to serve if elected.

2.3 If there are more nominations than posts to be filled, those nominees receiving the highest number of votes will be elected to the vacant posts.

2.4 The Chairperson of the NMISC shall assure, before April 1, that a call for nominations is conveyed to the whole membership. Additional nominations may be submitted to the nominating committee by July 1 by members of the Committee or by members of the NMISC. Such nominations must include an expression by the nominee of willingness to serve if elected.

2.5 All nominees must be either members in any grade of IEEE and of the Nuclear Medical and Imaging Science Technical Committee or must have submitted applications for membership at the time the nominations are forwarded to IEEE Headquarters.

2.6 The Secretary shall annually arrange for the distribution to the members of the Committee on or about July 31, a ballot to elect the candidates to fill vacancies on the NMISC. The ballot shall be accompanied by a short biographical sketch of each nominee with an indication of their Nuclear Medical and Imaging Science activities and former or present IEEE activities.

2.7 Sixty days after distribution of the ballots, the IEEE Headquarters shall count and tabulate the votes received and report the results to the NMISC.

2.8 The NMISC shall submit to the Secretary of the NPSS Ad Com the names of the candidates with the largest number of votes to fill the designated vacancies.

3. Functional Committees: The NMISC Chairperson, in concurrence with the NMISC, shall appoint the Chairpersons of the following Functional Sub-Committees:

- The Medical Imaging Conference Oversight Committee.
- Award committee for the MIC award.
- Other Sub-Committees as shall be required for the operation of the NMISC.

3.1 The term of office of a Chairperson of a Functional Sub-Committee shall be one year, but a Functional Sub-Committee Chairperson may be re-appointed to the same position.

3.2 The Chairpersons of Functional Sub-Committees must be members of the NMISC.

3.3 The membership of the Functional Sub-Committees shall be appointed by the Chairperson of that Functional Sub-Committee. The membership and activities of the Functional Sub-Committees should be publicized to the membership of the Committee via the NPSS Newsletter, and suggestions for Sub-Committee membership should be invited from Committee members.

3.4 Each of the Functional Sub-Committees shall submit a written report of its activities to the NMISC prior to or at the Annual Meeting.

4. Ballots: All ballots, whether for purposes of election or changes in the Constitution, shall be issued to the voting members by the Secretary pursuant to action by the NMISC. No ballot shall be counted unless unambiguously marked by a qualified voter to indicate their choice, and sent in a sealed envelope bearing the voter's name on or before the specified deadline date. This specified deadline date shall be at least thirty days subsequent to the date of the mailing of the ballots. The distribution and counting of the ballots shall be entrusted to IEEE Headquarters. The IEEE Headquarters will report the results of the election to the Secretary of NMISC, in turn, shall report the results to the NMISC.

5. Beginning of Terms of Office: All terms of office of elected Members-at-Large of the NMISC shall begin January 1 of the year immediately following their election.

6. Election of the Vice-Chairperson of NMISC: The Vice-Chairperson of NMISC shall be nominated and elected from among the eligible members-at-large of the NMISC. A minimum of one month before the annual meeting of the NMISC, the NMISC Secretary will notify all current NMISC members of the upcoming election and solicit nominations (self-nominations are allowed). The nominations will be closed two weeks before the annual meeting of the NMISC, and the Chairperson of the NMISC is responsible for ensuring that at least one nomination for Vice-Chairperson is received by this time. The Secretary of NMISC shall announce to all voting NMISC members-at-large the identities of the candidates at least one week before the annual meeting, and also inform them of the procedure for casting a ballot if they are unable to attend the NMISC annual meeting. The vote will occur during the annual meeting of the NMISC. If there is only one candidate, then that candidate will be elected at the Annual Meeting by those NMISC members in attendance. If there is more than one candidate, a secret ballot will be taken during the annual meeting and the Chairperson shall

designate tellers to immediately count the ballots. Voting NMISC members-at-large who are not attending the annual meeting of the NMISC may submit a ballot by notifying the NMISC Secretary of their choice. The results of the vote shall be announced and the nominee receiving a majority of votes cast shall be declared elected. In the event that no candidate receives a majority of votes cast, runoff elections shall be conducted by secret ballot at the Annual meeting of NMISC among the candidates receiving the two highest number of votes until one candidate receives a majority of the votes cast. For these runoff elections, only those NMISC members in attendance may cast a vote.

7. Records: The secretary shall maintain a permanent record of all non-routine motions passed by the NMISC, written minutes of the Annual Meeting of the NMISC, a roster of all NMISC members, and a membership roster of all NMISC sub-committees. The secretary must provide a tabulation of the most recent five years of motions and a copy of the NMISC constitution and bylaws to each newly elected member-at-large to the NMISC.

8. Alternates:

8.1 Members-at-Large: An elected Member-at-Large may designate any member in good standing of the NMISC to represent the Member-at-Large at the NMISC meeting. The representative shall have the privilege of the floor, but may not vote on any matters coming before the NMISC.

8.2 AdCom Representation: If the NMISC Chairperson is unable to represent the NMISC at the NPSS AdCom, the Chairperson may designate the Vice-Chairperson or the Most Recent Past Chairperson as his/her alternate. This alternate has the privilege of the floor and may vote on all matters coming before AdCom.

November 5, 2002

Constitution and Bylaws of the Radiation Instrumentation Technical Committee of the IEEE Nuclear and Plasma Sciences Society

Constitution

Article - I - Name and Object

Section 1. The organization shall be known as the Radiation Instrumentation Technical Committee of the IEEE Nuclear and Plasma Sciences Society, referred hereinafter to as the Committee.

Section 2. The Committee shall strive for the advancement of the theory and application of Ionizing Radiation Instrumentation and of its allied arts and sciences and maintenance of high scientific and technical standards among its members.

Section 3. The Committee shall aid in promoting close cooperation and exchange of technical information among its members and to this end shall hold meetings for the presentation and discussion of original contributions, shall assist in the publication of the Transactions on Nuclear Science, provide for peer recognition of individuals, promote a positive image of ionizing radiation instrumentation science and applications, act as liaison between IEEE and other organizations in the area of radiation instrumentation, and otherwise provide for the needs of its members.

Article - II - Field of Interest

Section 1. The field of interest of the Committee is Ionizing Radiation Instrumentation and its applications. The emphasis is on the tools utilized, primarily the radiation sensors, associated electronics, and techniques for processing the measured data. It shall devote itself to publication or other dissemination of original contributions to the theory, design, experiments, educational methods and applications of Ionizing Radiation Instrumentation. Areas of technical interest will include, but not be limited to, the following:

Section 2.

- 1) Sensors for detecting and quantifying ionizing radiation, including x , γ , α , β^- , β^+ , and neutron radiation as well as products of high energy interactions or nuclear interactions.
- 2) Sources of ionizing radiation.
- 3) Analog and digital electronics used in conjunction with the components in 1) and 2).
- 4) Instrumentation, systems, and applications incorporating the components in 1), 2), and 3).

Article - III - Membership

Section 1. Members of the Committee are those individuals who are members of the IEEE and NPSS and who are subscribers to the Transactions on Nuclear Science.

Article - IV - Administration

Section 1. The Committee shall be managed by a Radiation Instrumentation Steering Committee (RISC) consisting of elected members-at-large, plus certain ex-officio members as specified herein and in the Bylaws. The number of elected members-at-large shall be 15 members.

Section 2. The terms of office of the elected members-at-large shall be three years. Members-at-large who have served a full term may not become a member-at-large again until at least one year after the expiration of their term. Election of members-at-large shall be held annually to fill vacancies for the coming year. The terms of office of the ex-officio members shall be specified in the Bylaws.

Section 3.

(a) The affairs of the Committee shall be managed by a Chairperson, as directed by the RISC and in accordance with his powers and duties as defined hereunder and in the Bylaws. In the event of the Chairperson's absence or incapacity, his duties shall be performed by a Vice-Chairperson.

(b) The Chairperson shall appoint a Secretary for the RISC. The Secretary need not be chosen from among the elected members at large.

Section 4.

(a) On alternate years a Vice-Chairperson (who shall be the Chairperson elect) is elected by the voting members of the RISC from the eligible members-at-large of the RISC. The term of office for the Vice-Chairperson shall be one year as Vice-Chairperson, followed by two years as Chairperson, and two years as the Most Recent Chairperson. No Vice-Chairperson will be elected the year following the election of a Vice-Chairperson.

(b) Only those members-at-large having one year or more of their elected term remaining shall be eligible for election as Vice-Chairperson. In the event that a Vice-Chairperson is elected to take office at the beginning of the second or third year of his term as member-at-large, said term shall automatically extend until they vacate the office of Most Recent Chairperson. During this extension they shall be considered an ex officio member with vote.

(c) In the event that neither the Chairperson or the Vice-Chairperson is able to take office as prescribed in the Bylaws, or if both are incapacitated or if both offices become vacant, the RISC shall promptly elect an Acting Chairperson from among the members-at-large to assume the duties of Chairperson until either a Chairperson or Vice-Chairperson takes office or resumes his duties.

Section 5. The Chairperson shall be an ex-officio member with vote of all sub-committees of the RISC.

Section 6. The Chairperson, as soon as expedient after their election, shall appoint the Chairmen of the sub-committees provided for in the Bylaws.

Article V - Nominations and Election of RISC Members-at-Large

Section 1. Nominating procedures shall be as prescribed in the Bylaws and shall include provision for nomination by Society members.

Section 2. Election of the members-at-large of the RISC shall be as prescribed in the Bylaws.

Section 3. If a member of the RISC does not complete their term and the term has more than one year remaining, the vacancy shall be filled at the next election for the unexpired portion of the term.

Article VI - Meetings

Section 1. The Committee may hold meetings, conferences, symposia or conventions either alone or in cooperation with other organizations subject to applicable IEEE and NPSS rules and regulations.

Section 2. Eight voting members of the RISC shall constitute a quorum. No member shall have more than one vote by reason of multiple offices or Committee responsibilities.

Section 3. A majority of the votes cast by those members of the RISC attending a meeting shall be necessary for the conduct of its business except as otherwise provided in this constitution.

Section 4. Business of the RISC may be handled by correspondence, telephone, facsimile, E-Mail, telegraph, or other means of communication where, in the opinion of the Chairperson, matters requiring prompt

action can be adequately handled in that manner. A majority vote of the full RISC is required to take action in such a case. Telephone actions or other actions that do not involve a written record are to be promptly confirmed in writing by the Chairperson.

Section 5. The RISC shall meet as required to conduct business and in accordance with the Bylaws.

Article VII - Amendments

Section 1. Amendments to this Constitution may be initiated by petition submitted by a two-thirds vote of the RISC, such petition being submitted to the Ad Com of the NPSS for approval. After such approval, the proposed amendment shall be publicized in the NPSS Newsletter, with notice that it goes into effect unless 20 Committee members object within 90 days of the date of mailing of the notice. If such objections are received, a copy of the proposed amendment shall be mailed with a ballot to all members of the Committee at least 30 days before the date set for the return of the ballots; the ballots shall carry a statement of the deadline for their return. When a mail vote of the entire Committee membership is made necessary, approval of the amendment by at least two-thirds of the ballots returned shall be necessary for its enactment.

Section 2. As an alternative to this procedure outlined in Section 1 above, 10 members of the Committee may submit a petition to the Ad Com of the NPSS. If approved by the NPSS Ad Com and after notification of the RISC, the proposed amendment shall be submitted to the membership by mail ballot as described above.

Section 3. Committee Bylaws, and amendments thereto, may be adopted by two-thirds vote of those present at a RISC meeting, provided that notice of the proposed Bylaw or amendment has been sent to each member of the RISC at least a week prior to such meeting. Alternatively, a Committee Bylaw or amendment may be adopted by a two-thirds mail vote of the members of the RISC, provided a 30-day period is provided for such responses. In either event, the proposed Bylaw or amendment shall be published in the NPSS Newsletter. No Bylaw or amendment shall take effect until it has been approved by the Ad Com of the NPSS.

Article VIII - Revision

Section 1. The Chairperson of the RISC shall appoint a seven-person sub-committee no later than January 1, 2000, and every five years hence to evaluate the effectiveness of this Constitution and Bylaws, to study the rules of governance required by the activities of the Committee at that time, and to consider writing a new Constitution and Bylaws appropriate to the existing and anticipated needs of the RITC.

Bylaws

1. RISC: Article IV of the Constitution provides that the RISC shall consist of a number of elected members-at-large plus certain ex-officio members. The ex-officio members of the RISC shall be (unless they are already elected members-at-large) the Most Recent Chairperson of the committee, the Chairperson of each Functional Sub-Committee, the Chairperson of the Nuclear Medical and Imaging Sciences Council, the Editor of the NPSS Transactions on Nuclear Science, the Conference Editor for the Nuclear Science Symposium, and such other ex-officio members as are provided for in the Constitution and Bylaws of the NPSS.

1.1 The voting members of the RISC shall be the elected members-at-large and the Most Recent Chairperson.

1.2 The RISC shall meet at least once per year, upon dates determined by the Chairperson at least three weeks in advance of the meeting. Additional meetings may be called at the discretion of the Chairperson or upon request of at least two thirds of the voting members of the RISC with a least three weeks notice.

1.3 The last regularly scheduled RISC meeting in the calendar year shall be considered the Annual Meeting of the RISC.

1.4 The member-at-large may send a proxy representative (who may exercise that member's vote) to any RISC meeting.

2. Nomination and Election of RISC Members: Article IV of the Constitution specifies the number of RISC members-at-large, as well as the term length and restrictions. One third of the RISC members-at-large posts, plus any vacancies occurring in the previous year, are to be filled each year by election of the general membership of the Committee.

2.1 The Chairperson of the RISC is responsible for ensuring that at least one nomination is made for each vacant post. Nominations may be made by any member of the RISC or any member in good standing of the Committee. Self nominations are allowed.

2.2 The individual making a nomination must determine in advance that the nominee is willing to serve if elected.

2.3 If there are more nominations than posts to be filled, those nominees receiving the highest number of votes will be elected to the vacant posts.

2.4 The Chairperson of the RISC shall assure that a call for nominations is conveyed to the whole Committee membership via the NPSS Newsletter before April 1. Nominations must be submitted to the RISC Chairperson by July 1. Such nominations must include an expression by the nominee of willingness to serve if elected.

2.5 All nominees must be either members in any grade of IEEE and of the Radiation Instrumentation Technical Committee or must have submitted applications for membership at the time the nominations are forwarded to IEEE Headquarters.

2.6 On or about July 31, the Secretary shall arrange for the distribution to the members of the Committee a ballot to elect the candidates to fill vacancies on the RISC. The ballot shall be accompanied by short biographical sketch of each nominee with an indication of his Radiation Instrumentation activities and former or present IEEE activities.

2.7 Sixty days after distribution of the ballots, the IEEE Headquarters shall count and tabulate the votes received and report the results to the RISC.

2.8 The RISC shall submit to the Secretary of the NPSS Ad Com the names of the candidates with the largest number of votes to fill the designated vacancies.

3. Functional Sub-Committees: The Chairperson of the Committee, in concurrence with the RISC, shall appoint the Chairpersons for the following Functional Sub-Committees:

- The Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC) Oversight Committee.
- A Fellows and Awards committee.
- Other Sub-Committees as shall be required for the operation of the Committee.

3.1 The term of office of a Chairperson of a Functional Sub-Committee shall be one year, but a Functional Sub-Committee Chairperson may be re-appointed to the same position.

3.2 The Chairperson of a Functional Sub-Committee must be a member of the Committee.

3.3 Each of the Functional Sub-Committees shall submit a written report of its activities to the RISC prior to or at the Annual Meeting.

3.4 The membership of the Functional Sub-Committees shall be appointed by the Chairperson of that Functional Sub-Committee. The membership and activities of the Functional Sub-Committees should be publicized to the membership of the Committee via the NPSS Newsletter, and suggestions for Sub-Committee membership should be invited from Committee members.

4. Ballots: All ballots, whether for purposes of election or changes in the Constitution, shall be issued to the voting members by the Secretary pursuant to action by the RISC. No ballot shall be counted unless unambiguously marked by a qualified voter to indicate his choice, and sent in a sealed envelope bearing the voter's name on or before the specified deadline date. This specified deadline date shall be at least thirty days subsequent to the date of the mailing of the ballots. The distribution and counting of the ballots shall be entrusted to IEEE Headquarters. The Secretary of RISC shall report the results to the RISC.

5. Beginning of Terms of Office: All terms of office of elected Members-at-Large of the RISC shall begin January 1 of the year immediately following their election.

6. Institutional Affiliation: The RISC, representatives of the RISC on the Nuclear Science Symposium and Medical Imaging Conference Oversight Committee, and all other functional committees shall each contain no more than two Individuals employed by the same institution. National corporations, US. Government agencies, and statewide universities are not institutions for purposes of this paragraph.

7. Election of Chairperson of RISC: The Vice-Chairperson of RISC shall be nominated and elected from among the eligible members-at-large of the RISC. Nominations and seconds shall be solicited by the RISC Chairperson and must be received one month prior to the annual meeting of RISC. If there is only one candidate at the time that nominations are no longer accepted, then no vote is necessary and that candidate is automatically elected. If there is more than one candidate, the Secretary of RISC shall send ballots to all voting RISC members at least three weeks prior to the annual meeting. The marked ballots may be sent or delivered in person to the RISC Secretary prior to the beginning of the annual meeting of RISC. Ballots shall conform to the specifications of Bylaw 4 except that the Chairper-

son shall designate tellers to verify and count the ballots during the annual meeting of RISC. The vote shall be announced and the nominee receiving a majority of votes cast shall be declared elected. In the event that no candidate receives a majority of votes cast, runoff elections shall be conducted by secret ballot at the Annual meeting of RISC among the candidates receiving the two highest number of votes until one candidate receives a majority of the votes cast. The terms of office of the Vice-Chairperson, Chairperson, and Most Recent Chairperson of RISC shall begin January 1 of the year immediately following their election.

8. Open Business Meeting: An open business meeting of the Committee shall be held in conjunction with the annual IEEE Nuclear Science Symposium and Medical Imaging Conference.

9. Records: The Secretary shall maintain a permanent record of all non-routine motions passed by the RISC, and provide a tabulation of the most recent five years of motions and a copy of the Radiation Instrumentation Technical Committee constitution and bylaws to each newly elected member-at-large to the RISC.

Revised, April 1999