

November 7, 2015

10.0 Unfinished Business and Business Conducted Between AdCom Meetings

10.1 Constitution and Bylaws: Stefan Ritt, Chair of the C&BL Review Committee presented the work done to date as well as suggested changes. See Appendix 10.1 for detail. Key items include the residency of the TNC elected member, handling an AdCom vacancy, the use of alternates at AdCom meetings, how to handle ties in an election, and conference fiduciary responsibility.

11.1 Motions Arising from Technical Committee Reports

11.1.1 Motion from Fusion re: PPPL Technical Cosponsorship of SOFE 2017: It is moved by the Fusion TC that PPPL be allowed to be a technical cosponsor of the 2017 Symposium on Fusion Engineering to be held in Shanghai. The motion carried. However, following the meeting DOE requested that this not be allowed.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1 Motions from FinCom

11.2.1.1 Support for the IEEE History Center: FinCom moves that NPSS donate \$15,000 to the IEEE Foundation in support of the IEEE History Center to update the history of IEEE from 1984 to the present. The motion carried with no objections or abstentions.

11.2.1.2 Support for the National Council on Radiation Protection: FinCom moves that NPSS support the National Council on Radiation Protection at the annual rate of \$3000. Support will be revisited in five years. The motion carried with no objections or abstentions. Randy Brill will continue as liaison as long as feasible.

11.2.1.3 Support for Young Professionals Activities: FinCom moves that NPSS support Young-Professionals functions at NPSS-sponsored conferences to a total of up to \$5000 per conference to cover costs related to these functions. The motion provides support for Young Professionals that is parallel to NPSS support for WIE functions. The motion carried with no objections or abstentions.

11.2.1.4 Addition of TRPMS to Member Benefits: FinCom moves that our new journal, T_RPMS be added in electronic form to member benefits beginning in 2017. The motion carried with no objections or abstentions.

11.2.2 Memorandum of Understanding between NPSS and EMBS: The MOU authorizes the formation of a steering committee comprised of representatives of the Financial Sponsors, including a chair, the Editor-in-Chief (EiC), three Senior Editors which will be appointed in December 2015. NPSS is an 85% financial sponsor and EMBS 15%. See Appendix 11.2.2. to read the entire document.

11.2.3 Motions from the Awards Committee

11.2.3.1 Establishment of the Glenn F. Knoll Award: AdCom endorses the establishment of a new NPSS award to honor Glenn Knoll to be funded in part by a donation from Gladys Knoll to the IEEE Foundation. Seconded by Stefan Ritt. This endorsement carried with no objections or abstentions.

11.2.3.2 NPSS Funding of the Glenn F. Knoll Award: It was moved that \$TBD be contributed to the new MPSS award fund that will be established at the IEEE Foundation in honor of Glenn Knoll. This motion was tabled.

July 18, 2015

11.1 Motions Arising from Technical Committee Reports

11.1.1 Motion from the Pulsed Power Technical Committee: It was *moved that the AdCom approve technical cosponsorship of the 2016 IEEE International Power Modulator and High Voltage Conference*. This is an IEEE conference and is a ‘sister’ conference to the Pulsed Power Conference, with heavily overlapping attendance. This conference is fully sponsored by DEIS so there are no associated costs. The motion passed unanimously.

11.1.2 Motion from NMISC: NMISC *moved that AdCom approve technical cosponsorship of the 2016 PSMR meeting to be held May 23-25 in Köln, Germany*. The 2015 conference in Elba was technically cosponsored by us. The fee of \$1000 would be paid by NPSS. There will be no conference record. Papers will appear in a special issue of either TNS-NMIS or TRPMS. The motion carried with no abstentions and no nay votes.

In future, past 2016, these funds shall be incorporated into the ICOPS budget.

11.1.3 Motion from PSAC: It was *moved that AdCom approve the revised PSAC Bylaw 13.3 governing the method of selection of the PSAC and IGOR Alexeff awards*. See Appendix 11.1.3 for the detailed Bylaw. The motion carried with no abstentions, no nay votes.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1 Motions from FinCom

11.2.1.1 Motion to Support Travel for ExCom/Steering Committee: *Given the increasing issues with institutional support for volunteer travel expenses, the TCs may, for the next 2 years (2015, 2016), provide up to \$1000 for each of their voting members. Beyond these 2 years, these expenses must be built into the TC’s conference budget.*

Motion passed. No dissent, no abstentions.

11.2.1.2 Fees for Technically Cosponsored Conferences: It was *moved that the \$1000 conference fee be paid by NPSS on behalf of each technically cosponsored conference and that each conference pay the \$15 per paper fee for each paper appearing in that conference’s Conference Record*. The motion carried with no dissent, no abstentions.

11.2.1.3 Child Care Reimbursements: It was *moved by FinCom that NPSS continue to fund the child-care reimbursement program for all NPSS conferences in 2016 and 2017.*

- *\$400 per family, maximum of \$2000 per conference*
- *Applications for, and awarding of, the reimbursement will be handled by each conference.*

The motion carried; no dissent or abstention. See Appendix 11.2.1.3 for discussion detail.

11.2.1.4 Motion to Support the IEEE History Center: It was *moved that NPSS contribute \$10,000 to the IEEE Foundation in support of the IEEE History Center*. In particular, these funds were requested to complete the history of the IEEE from 1984 to present. A professional historian would be hired to do this work. The motion failed (4 Yes, 13 No, 3 Abstain).

11.2.2 Motion from Awards Committee to Approve First Jaszczak Award

Recipient: It was *moved to approve Matthew J. Oborski as the winner of the 2015*

Ronald J. Jaszczak Graduate Award. The motion passed: No abstentions; no dissenting votes.

11.2.3 FinCom Motion to Match Additional Jaszczak Award Funds: It was *moved that NPSS donate an additional \$12,500 in funds to match the additional donation by Ron Jaszczak to the IEEE Foundation t for the Ronald J. Jaszczak Graduate Award fund.* The motion carried with 0 No, 2 Abstentions, 19 Yes votes.

11.2.4 Motion from Young Professionals Committee for Support of YP events: In order to support Young-Professionals functions to be held at smaller conferences (i.e. conferences of up to about 300-350 participants), it is *moved to provide a total of up to 3,000 \$ per year to cover costs related to these functions. The assignment of these means is at the Young-Professionals chair's discretion. They can also be used for technically cosponsored conferences.*

11.3 Motions Arising from Liaison Committee Reports

None.

11.4 Other New Business

11.4.2 Assistant Treasurer: John Verboncoeur has asked Ralf Engels of Forschungszentrum Juelich to serve as our Assistant Treasurer beginning in 2016. He asked for a confirming vote, which was unanimous.

February 21, 2015

10.0 Unfinished Business and Business Conducted between AdCom Meetings

10.1 Survey Results: It was moved, seconded and passed that a single-question survey would be undertaken to get better areas of interest results needed to apportion the seats on AdCom.

10.2 Motion to have a liaison to the National Council on Radiation Protection.

There was no vote taken. The president can appoint a liaison. (See 11.3.1 below).

11.1 Motions Arising from Technical Committee Reports

11.1.1 Motion from RITC re: C&BL change: The RISC moves that AdCom approve the following change to the RITC C&BL (changes in *italics*):

RITC Constitution Article V, Section 3: If a member of the RISC does not complete their term and the term has more than one year remaining, *the RISC Chair shall appoint a replacement, with approval by simple majority from the RISC membership, to serve for the unexpired portion of the term. For a term with a remaining duration of less than one year, the vacancy shall be filled at the next election.*

The motion carried. No negative votes, no abstentions.

11.1.2 Motion from Pulsed Power TC to technically cosponsor 2016

EAPCC/BEAMS: PPST moves that AdCom approve technical cosponsorship of the 2016 EAPPC/BEAMS conference and that NPSS pay the \$1000 technical cosponsorship fee. Passed. No negative votes, no abstentions.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1 and 11.2.2 Motion from FinCom for 2016 Dues: The membership and subscription fees for the 2016 budget shall remain at the current level of:

NPSS Full Membership fee	\$35
NPSS Student Membership fee	\$18

Requires IEEE membership.

These dues will include (as shown in table below):

- Electronic access to TNS and TPS
- Electronic access to conference proceedings
- Paper and electronic access to the Newsletter

This motion was passed.

A follow-on motion to reduce student dues to \$5 was made, seconded and passed (19y, 2n, 0 abstentions).

See Appendices 11.2.1 and 11.2.2 for greater detail.

11.2.2.1 Motion to establish an NPSS Best Chapter Award: Moved by Steve Gold, seconded by Don Shiffler. See Appendix 11.2.3 for detail. The motion failed (6 Y, 12 N, 2 abstain).

11.2.2.2 Chapter Founders Plaque: Moved by Steve Gold, seconded by Brendan Godfrey to present a plaque to the founder (or Founders, up to two) of a new NPSS chapter. The motion carried (18 Y, 0 N, 2 abstain).

See Appendix 11.2.3b for more detail.

11.3 Motions Arising from Liaison Committee Reports

11.3.1 Motions arising from the Medical Sciences Liaison Report: Three motions were submitted:

1. NPSS stop the liaison with IEEE-USA Medical Technology Policy Committee
2. NPSS establish a liaison with National Council on Radiation Protection and Measurements (NCRP)
3. NPSS join NCRP as a Sponsoring Society at the annual cost of \$5,000.

It was decided that these could be handled by presidential action, with no AdCom vote required. See Appendix 11.3.

11.4 Other New Business

11.4.1 Motion for New Member Survey: It was moved by Brendan Godfrey, second Dick Lanza, to discard the 2014 NPSS AdCom apportionment results due to flawed data, and repeat the census with the intention of implementing it for the 2015 AdCom representative election. Subsequent censuses can resume the 5 year period in 2019 for implementation in 2020 elections. Unanimous.

See Appendix 11.4.1 for more detail.

11.4.2 C&BL Review: A committee was appointed by President Verboncoeur to conduct the five-year review of the NPSS Constitution and Bylaws: Stefan Ritt will chair. The members are: Kay Chesnut, Steve Gold, Albe Larsen, and Bill Moses.

November 19, 2014

10.0 Unfinished Business and Business Conducted between AdCom Meetings

10.1 New Journal: Dimitris Visvikis has taken the lead on this with a committee including Joel Karp and Mounir Laroussi. The journal will include all NPSS topics related to medical issues including medical imaging, imaging devices and protocols, therapy-related systems, protocols and software developments, plasma medicine, radiation detectors for medical and biological applications and many more. These are detailed in the Letter of Intent, Appendix 10.1.

The proposed journal title is IEEE Transactions on Radiation and Plasma Medical Sciences. The projected launch date is mid-2015 with 100% sponsorship by NPSS or a partnership with EMBS.

The Letter of Intent was delivered to EMBS and Signal Processing in October and will be presented at TAB in November.

11.1 Motions Arising from Technical Committee Reports

11.1.1 PSAC Motion re: PSAC Award vote: It was moved that the PSAC ExCom be authorized to extend the decision process beyond the four-ballot limit stated in the PSAC Bylaws, in order to choose, from the existing slate of candidates, a PSAC Award winner for 2015. This extended process will be conducted by a conference call before the end of Calendar Year 2014. Passed.

11.1.2 PSAC Motion to Provide ExCom Travel Funds: It was moved that ICOPS 2015 and ICOPS 2016 each be allowed to pay up to \$1,000/member to aid voting members of our EXCOM to attend EXCOM meetings. ExCom meets at ICOPS and at APS-DPP. Motion carried 18 yes, 1 no, 2 abstain.

In future, past 2016, these funds shall be incorporated into the ICOPS budget.

11.1.3 Motion to Cancel Megagauss Standing MOU for Technical Cosponsorship: PPST moves to revoke the perpetual MOU establishing technical cosponsorship for MEGAGAUSS Conferences held in the United States. Passed by voice vote.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1 Motions from FinCom

11.2.1.1 Child Care Grants: FinCom moves that NPSS fund a child-care grant program on a trial basis for all NPSS conferences in 2015.

\$400 per family, maximum of \$2000 per conference.

The grants will be awarded by each conference.

The motion carried by voice vote.

11.2.1.2 Motion on TPS Page Charges: It was moved that TPS drop page charges beginning in January 2015. This will have a financial impact of about 125K\$. It is understood by AdCom that once passed these fees will not be reinstated. Motion passed by voice vote.

11.3 Motions Arising from Liaison Committee Reports

None. Three motions related to IEEE-USA Medical Sciences Liaison were not acted upon.

11.4 Other New Business

11.4.1 Survey Results: Janet appointed a committee to look at these and report back in February 2015.

11.4.2 SSIT: Laura Jacob, president of the Society for Social Implications of Technology, is looking for projects and ways to increase SSIT funds and visibility. She has started discussion with members of the medical imaging community.

July 19, 2014

10.0 Unfinished Business and Business Conducted between AdCom Meetings

10.1 RISC Outstanding Achievement Award: A motion from RISC to change the name of the Outstanding Achievement Award to the Glenn F. Knoll Outstanding Achievement Award was approved by email vote and forwarded to TABARC.

10.2 PPST Technically Cosponsor EAPPC 2014: An email vote confirmed the motion from the PPST to allow technical cosponsorship of the European Asian Pulsed Power Conference 2014 (EAPPC 2014).

10.3 Report of Grotjohn Committee on TPS's Low Impact Factor: John Verboncoeur reported for the committee on measures to raise the TPS impact factor which is now below 1 and which has hovered about 1 for some time. This was a joint PSAC/PPST committee which noted that impact factor drops coincided particularly with the large special issues on images in plasma science. An impact factor of 1.5 or above allows reasonable competition of a journal with its competitors in the field. With removal of the special images issue it is projected that the impact factor should rise to 1.32. Better paper review standards and a higher paper rejection rate should help as should improved marketing, including eblasts announcing highlighted papers.

The committee's recommendations and comments:

- Discontinue the special issues of images after 2014.
- Improve the questionnaire used by reviewers
- Screen for language issues and ensure language and subject matter appropriateness
- Use email blasts
- Study the review process and shorten the time to publish
- Shorten the time between the first and second reviews
- Invite special papers and review articles with Open Access provided
- Present an annual Best Paper award
- Review the competitiveness of TPS page charges: There is a mandatory charge of \$110 per page for papers longer than five pages.
- Review why people publish here or in a competitor's journal. Statistics are needed
- Is download factor perhaps more important than the citation-based impact factor?
- As papers that are published early in the year tend to have higher impact factors than those published late in the year, might it be better to do an early release of papers, even if the actual publication date is later?
- Speed of publication is important
- Higher rejection rates generally increase impact factor
- Some journals (Med. Phys, e.g.) do a lot of self citation, also improving impact factor

10.4 New Journal Discussion: Dimitris Visvikis, chair of NMISC, led discussion of a letter of intent (LOI) concerning a new medical applications journal that will contain all medically related papers, both imaging and therapy, from the NPSS. Committee members included Joel Karp, Paul Dressendorfer, Weihua Jiang, Mounir Laroussi, Bob Zwaska and Mark Kushner. The goal is to bring papers back to IEEE and NPSS from PMB, MedPhys, J.Phys., etc. A list of topics to be included is found in Dimitris' report,

Appendix 10.4. The LOI will be submitted to TAB for the November meeting with the Phase 1 plan to be submitted in Feb. 2015.

It is important to avoid conflict with other societies, especially EMBS. Joel Karp is pursuing the medical indexing requirements. Journals have to include clinical and preclinical evaluations to be considered.

10.5 Phelps Grant Proposals: It was moved by Craig Woody, seconded by John Sethian, that the amount of money available to conferences be increased from \$8k to \$12K. The motion was felt to be vague and was tabled.

11.1 Motions Arising from Technical Committee Reports

11.1.1 PSAC C&BL: It was moved by PSAC (presented by chair, Rickey Faehl) that AdCom accept the revisions to the PSAC Constitution and Bylaws passed by the PSAC ExCom on May 5th, 2014 and circulated to AdCom. The motion carried by voice vote.

11.1.2 NMISC Request to technically cosponsor PSMR2015: Alberto Del Guerra presented a motion from NMISC to technically cosponsor the 2015 PET/SPECT/Magnetic Resonance Conference. The 2014 conference held on Kos, Greece, had over 200 attendees. A special issue of TNS will contain submitted and approved by review papers. An MOU needs to be put in place, which Alberto will take care of. The motion was approved by voice vote.

11.1.3 Motion to Fully Sponsor SORMA West 2016 (RI): It was moved and passed by voice vote that be again fully sponsor SORMA West in 2016. The general chair, program and deputy program chairs are all active NPSS members Selected and reviewed papers will appear in a special issue of TNS.

11.1.4 PPST Motion to Accept Revised C&BL: The PPST moves that AdCom accept its Constitution and Bylaws, Vol. 6, July 19, 2014. The motion carried by voice vote.

11.1.4.1 PPST Transition Plan: PPST moves that AdCom accept this plan for transition from an appointive to a fully elected technical committee. This plan will be implemented over the next several years, with a fully elected committee in place by January 2019. The number of voting members will be reduced to 16 elected members plus the TC chair and the PPC chair. The TC chair will only vote to break a tie. The motion was approved by voice vote.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1 Motion to Establish a Chapter Founders Award: This was put forth by Steve Gold, Chapters chair and needed a second since the committee has a chair but no members. Discussion indicated that presentation of a plaque of recognition was not an award. Discussion and action were deferred until Seattle or until our 2015 retreat.

11.2.2 Motions from FinCom:

11.2.2.1 Budgeting Tool: It was moved and passed by voice vote that NPSS donate its conference budgeting tool to IEEE for use by other IEEE conferences. NPSS will continue development. Our investment to date ~\$100k. NPSS owns the code this package uses.

11.2.2.2 CSI Funding: It was moved and passed by voice vote that NPSS would donate \$300K to CSI from reserves (within 3% rule) in response to the IEEE Foundation's request for \$100k per year for the next three years (2015 – 21017). By the end of 2017 the Foundation should be receiving sufficient donations to carry on CSI work.

11.2.2.3 Funding for European Display Material: It was moved and passed by voice vote that NPSS allocate up to \$2500 in 2015 to provide a duplicate set of display material to be stored in Europe at Vert, our European storage and shipping company.

11.2.2.4 Motion to Support Open Access Papers in TNS and TPS: It was moved and passed by voice vote that NPSS budget up to \$35k each for TPS and TNS for 2015 to publish review articles and high value articles in Open Access in these journals with a goal of raising impact factor.

11.2.3 Phelps Grants: It was moved and passed by voice vote that discussion of Phelps Grants be untabled. A series of four new motions were presented. See Appendix_11.2.3 for detail. It was moved and passed that these be tabled until there was an email vote.

11.3 Motions Arising from Liaison Committee Reports

None.

11.4 Other New Business

11.4.1 Motion Regarding Child Care Grants: It was moved and passed that this motion be tabled until further study of liability insurance and related issues be addressed.

11.4.2 Presentations by Candidates for Vice President. In alphabetical order, each candidate for NPSS Vice President was permitted five minutes to present a case for election. The candidates are Alberto Del Guerra, Steven Gold, Edward Lampo and Stefan Ritt.

March 1, 2014

10.0 Unfinished Business and Business Conducted between AdCom Meetings

10.1 PAST Motion to approve their Constitution and Bylaws: Passed by voting members of AdCom and includes information on their transition plan to an elected TC.

10.2 Radiation Instrumentation Motion to Amend Bylaws: approved by a majority of voting AdCom members.

11.1 Motions Arising from Technical Committee Reports

11.1.1 Radiation Effects C&BL: It was moved and passed to accept changes to the Radiation Effects Constitution and Bylaws.

11.1.2 Motion from PSAC re: ICPM5: It was moved and passed that the International Conference on Plasma Medicine 5 (ICPM5) to be held in Nara, Japan, 18-23 May 2014 would be technically cosponsored by NPSS.

11.1.3 Motion from PPST to award a posthumous plaque to Larry Altgilbers for his Lifetime Achievements: Rather than a motion, Janet Barth will issue a proclamation Applauding Larry Altgilbers' contributions. A plaque will be presented to his family.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1: Motion from Finance Committee on Member Dues and Publication

Charges: It was moved by the Finance Committee and passed that:

The membership and subscription fees for the 2015 budget shall remain at the current level of:

- NPSS Full Membership fee \$35
- NPSS Student Membership fee \$18
- Requires IEEE membership
- These dues will include:
 - Electronic access to TNS and TPS
 - Electronic access to conference proceedings
 - Paper and electronic access to the Newsletter

11.2.2 Motion from the Membership Committee: It was moved by the Membership Committee that they be allowed up to \$6000 to purchase laptops and/or tablets to use at member recruiting desks, including safety tie downs and necessary software. These would be kept at Vista Control and shipped as needed to conferences.

11.3 Motions Arising from Liaison Committee Reports

None.

11.4 Other New Business

11.4.1 Motion re: Survey Prize: It was moved, seconded and passed that to encourage responses to the upcoming survey, AdCom authorizes an expenditure of up to \$600 for a prize to be awarded to an individual randomly selected from those responding to the survey. Members of AdCom shall be ineligible.

11.4.2 Motion Re: Survey Implementation: It was moved and passed that the results from the 2014 survey will take effect in the 2015 election and seat distribution cycle.

11.4.3 A motion to include undergraduates in the Phelps award eligibility was withdrawn.

11.4.4 A motion concerning child care grants will be considered after some further investigation.

November 2, 2013

10.0 Unfinished Business and Business Conducted between AdCom Meetings

10.1 TNS-B and TMI MOU: We are being pushed by EMBS and Signal Processing, but Janet Barth is holding her ground, using a new MOU as a bargaining chip in getting a new journal. Joel Karp is the most likely EIC of a new journal for NPS:

11.1 Motions Arising from Technical Committee Reports

11.1.1 PAST 50th Anniversary Celebration: IEEE-NPSS approves providing up to \$50,000 for celebration of the 50th anniversary of holding PAC conferences in North America. Motion carries by voice vote: no nays, no abstentions.

11.1.2 RI/NMISC Motion on change to Bylaw 3.5: AdCom to approve the revision of the RITC/NMISTC bylaw 3.5 concerning the definition and operation of the RISC/NMISC Joint Oversight Subcommittee (JOS) tasked with NSS/MIC conference site and General Chair selection carried by voice vote. No nays, no abstentions.

11.2 Motions Arising from Functional and Appointive Committee Reports

None.

11.3 Motions Arising from Liaison Committee Reports

11.3.1 CSI Support Request for 2014: Moved to approve \$100,000 to fund Community Solutions Initiative for 2014 IEEE PES-NPSS-Foundation Affordable Electricity Fund in accordance with CSI Implementation plan. See the background and discussion of this motion in Appendix_11.3.1. The motion carried with 19 yes and on no vote.

11.4 Other New Business

11.4.1 Applied Superconductivity Council: Janet Barth brought forth another request for our membership from the IEEE Applied Superconductivity Council. The motion was defeated unanimously.

11.4.2 Technical Cosponsorship of May 2014 Medical Imaging Conference in Greece: It was moved and seconded that NPSS technically cosponsor the 3rd Conference on PET/MR and SPECT/MR in Kos, Greece, May 19th – 21st, 2014: Passed.

11.4.3 IEEE History Center: Jim Prendergast talked about the IEEE Global History Network. When technical papers were scanned prefatory information with history was eliminated. There is an attempt to recover this. Bill Moses put in a plug for history and the IEEE History Center.

July 13, 2013

10.0 Unfinished Business and Business Conducted between AdCom Meetings

None.

11.1 Motions Arising from Technical Committee Reports

11.1.1 CANPS Award Motion: To amend the wording of the existing award to include data processing:

The revised wording is:

- Description: To recognize individuals who have made an outstanding achievement in the application of **data processing and** computers in nuclear and plasma sciences.
- Prize: \$2000 and a plaque.
- Funding: Funded by the IEEE Nuclear and Plasma Sciences Society's Real-Time Conference budget.
- Eligibility: Any person, regardless of nationality, is eligible for the award, with the exception that no member of the CANPS Technical Committee can be considered. Nonmembers of IEEE or NPSS are also eligible.
- Judging Basis: Evidence of outstanding professional contributions to the profession of utilizing **data processing and** computers in nuclear and/or plasma sciences research. Supporting information can include significant technical contributions, publications and patents, and contributions to the NPSS and its associated fields.

The motion carried by voice vote.

11.1.2 PAST Teachers Day Initiative: A motion from PAST - IEEE/NPSS High School Teacher Initiative

AdCom to approve up to \$5,000/event for support of a Teacher's Day event held at the next five PAST TC Conferences (IPAC and NA-PAC held in North America) which are co-sponsored by IEEE.

Passed unanimously.

11.1.3 RISC Motion to Support SCINT 2015 Financially: From RITC. It was moved that the NPSS will provide full IEEE Sponsorship of the SCINT 2015 Conference under the auspices of the Radiation Instrumentation Technical Committee.

Passed unanimously.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1 Motion to Approve Redesign and Implementation of the NPSS Web Pages.

From the Communications Committee. It is moved that AdCom approves the expenditure of up to \$30,000 for redesign and implementation of the Society web pages.

Passed unanimously.

11.3 Motions Arising from Liaison Committee Reports

11.3.1 Haiti Solar Power Initiative: From CSI Advisory Committee: It was moved that NPSS fund the retrofit of 1000 defective portable battery kits at maximum cost of \$15,000. Passed Unanimously.

11.4 Other New Business

11.4.1 Real-Time Management of Conference Technical Programs. John Verboncoeur raised this topic based on experience with the 2013 PPS conference at which a large number of papers were withdrawn, including orals. They modified Bo Yu's SQL software to make live program updates on the web to, most particularly, fill gaps in the oral sessions. Only the two program chairmen could make changes.

They need a way to flag program updates. This is probably not complicated, They also need to deal better with Asian names sometimes it is hard to distinguish family names from personal names.

NPSS should invest in large panel LCD monitors to be placed strategically at conferences so changes are visible and attendees know what is happening. They cost ~\$10k each. There is also consideration of no longer using paper programs but, instead, use electronic programs with 'just in time' single copy printings for those who want them.

There are other opportunities to explore in this area including mobile apps and push updates.

11.4.2 NPSS Scholarship or Fellowship Program:

Ideas were floated for the establishment of a more comprehensive NPSS scholarship/fellowship program, including travel and/or equipment for grad students; not for really small projects. The grant should be prestigious and of high quality – something people really want. Perhaps dollars for undergraduates that would get them excited about science and engineering.

11.4.3 Quick Conference: Video teleconferences good for under 50 people. The cost is \$300 a year or less. Tony Lavietes can set this up for any one of us. It does require the use of headsets.

11.4.4 Membership Requirements for Awards. Hal will talk with the Foundation regarding awards in progress to inquire about limiting these to IEEE members.

March 2, 2013

10.0 Unfinished Business and Business Conducted between AdCom Meetings

None.

11.1 Motions Arising from Technical Committee Reports

11.1.1 RISC Constitution and Bylaws: The RISC constitution and bylaws have been revised to make their practice consistent with the C&BL. It was moved and passed that the RISC revised constitution and bylaws be accepted.

11.1.2 Jordanov Grant: These motions are to update the delegation of authority of the expenditure of funds from the Jordanov Fund held in the IEEE Foundation. It was moved to:

Update the Delegation of Authority (2011),

- Section 7, Paragraph 7 to add the following sentence at the end: “The annual expenditure from the Valentin T. Jordanov Radiation Instrumentation Travel Grant Fund is to be increased from the current maximum of US\$7200 to a maximum of US\$12000 beginning in 2013 with the 2013 IEEE NSS MIC.”
- Update the Delegation of Authority (2011), Section 2, Paragraph 3, to replace this: “Eligible expenses include travel grants awarded to eligible participants to attend the annual IEEE Nuclear Science Symposium” with this “Eligible expenses include travel grants awarded to eligible participants to attend the annual IEEE Nuclear Science Symposium and Medical Imaging Conference, provided their work is in the field of Radiation Instrumentation.”
- For consistency, update entire document to replace “NSS” with “NSS-MIC”.
- Change Section 6 to: At least one (1) award each year should be given to an applicant in the field of Nuclear Electronics, provided that a suitable number and quality of applications from this group are received, to be effective beginning with the 2014 NSS MIC. This removes the preference given to applicants from Bulgaria.

The motion carried by voice vote.

11.1.3 RISC Motion to Technically Cosponsor ANIMMA: A motion from RISC, presented by Patrick Le Dû, **that IEEE NPSS technically cosponsor the 2013 ANIMMA Conference to be held in France and also future ANIMMA conferences until rescinded by either party** was passed. IEEE wants individual MOUs for each conference but will possibly approve a conference for three to five years. BEAMS, SCINT, RADECS, Megagauss and ICALEPCS all fall into this category.

11.1.4 Increase WIE Event Funding: A motion from PAST, presented by Stan Schriber, requested increased funding for WIE events from \$2500 to up to \$5000 per event. WIE events, when held by a conference, are very well received and for PAC conferences are very well attended. The motion carried.

11.1.5 Teachers Day: A PAST motion, presented by Stan Schriber for **AdCom to approve up to \$5,000 for support a Teacher’s Day event held at IEEE/NPSS sponsored and co-sponsored conferences held at three of these meetings over the next year** was defeated (10N, 5Y) following considerable discussion, much of which

pertained to follow-up and sustaining and ongoing relationship with teachers who attend. More data is needed and this topic may be reintroduced in the future.

11.1.6 Technical Cosponsorship of EML: The Pulsed Power Science & Technology Committee moves that IEEE NPSS technically cosponsor the 2014 Electromagnetic Launch Symposium (EML) to be held in San Diego. The motion carried with a voice vote and with the proviso that technical cosponsorship would not be in place until the MOU had been signed and the conference officially registered.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1 Conferences List: Bill Moses has mailed the meeting list. Please be sure to mark up. Make additions and corrections, and return to him.

11.2.2 Big Tent Event: The question was raised about whether we might be interested in an IEEE ‘Big Tent’ event. After some discussion to try to determine what such an event might look like, a straw vote indicated very little interest.

11.2.3 2014 Dues: The Finance Committee moved Motion: The fees for the 2014 budget shall remain at the current level of:

- NPSS Membership fee \$35

Requires IEEE membership

These dues will include:

Electronic access to TNS and TPS

Electronic access to conference proceedings

Paper and electronic access to Newsletter

- Paper subscription fees:

	TNS	TPS
Member of IEEE and NPSS	\$70	\$70
Member of IEEE	\$105	\$105
Non-member	Use the John Dahl’s recommendation	

The motion carried by voice vote.

11.3 Motions Arising from Liaison Committee Reports

11.3.1 Motion from CSI Liaison for Funding: After presenting extensive detail of the CSI “Go Forward” plan for Haiti (see Appendix 11.3.1 for detail), the following was proposed by the NPSS CSI committee.

Moved to approve 2013 expenditures items for the CSI Haiti project of \$86,000 as detailed in attached report:

- Retrofits to remedy battery charger problems.
- Minimal field support to bring all 15 stations to full production.
- Partial support for management team to raise funds, attract new management to scale to reach a million people.

The motion carried 16 to 0.

11.4 Other New Business

11.4.1 Birdsall Award: The motion was presented by John Verboncoeur and Rickey Faehl (PAST):

Move to create and fund a new NPSS award:

Birdsall Award for Contributions to Computational Nuclear and Plasma Sciences.

Annual award for outstanding contributions in computational nuclear and plasma science, with preference given to areas within the broadest scope of plasma physics encompassing the interaction of charged particles and electromagnetic fields.

\$2,000 annual award (5% of principal) funded by \$20,000 contribution from Ginger Birdsall and \$20,000 from NPSS initiatives budget administered via IEEE Foundation.

The award will be given annually, administered by the NPSS Awards Committee.

The motion carried, 13 yes, 3 no.

November 3, 2012

10.0 Unfinished Business and Business Conducted between AdCom Meetings

None.

11.1 Motions Arising from Technical Committee Reports

11.1.1 BEAMS Conference DVD: It was moved by the Pulsed Power committee that AdCom approve making and distributing searchable DVD's of the High-Power Particle Beams (BEAMS) conferences held between 1975 and 2008 for distribution to attendees of BEAMS 2012 and PPPS 2013. The total cost will not exceed the original \$50,000 approved in AdCom Motion 11.1.2 (March 6, 2010) to make these BEAMS proceedings available to the community through IEEE Xplore. Further distribution of these DVDs to future biennial BEAMS meetings, e.g. ICOPS-BEAMS 2014 will be covered in the conference budgets. Passed on voice vote.

11.1.2 RISC Constitution and Bylaws:

This introduced some of the changes needed to bring the RITC C&BL in alignment with the NMISTC C&BL. Further changes are needed and will be presented for vote at the first meeting of 2013.

11.1.3 Motion from the Fusion TC:

The IEEE NPSS Fusion Technology Committee believes that an agreement between IEEE and ANS to discount annual membership fees for ANS members (with reciprocal discounts by ANS for NPSS members) should be considered by the NPSS. If both ANS and IEEE agree in principle to this arrangement, then details will be elaborated in future discussions.

No action taken, and returned to committee for further evaluation.

11.1.4 PSAC Motion RE: Elections / Award:

It was moved that AdCom authorize a one- time exception to provisions of the PSAC Bylaws dealing with the election of the Chair and Vice Chair, and dealing with the procedure used to select the winner of the 2013 PSAC award.

1. The ballots for ExCom Chair and Vice-Chair are to be counted by the Secretary of PSAC, and the results announced to the current Chair and to ExCom.
2. The PSAC Award winner will be determined by majority vote in a teleconference presided over by the PSAC Chair, provided that advance notice of the teleconference is given and that a quorum is participating, bypassing the procedures outlined in the Bylaws.

This one-time exception was approved by voice vote.

11.2 Motions Arising from Functional and Appointive Committee Reports

None.

11.3 Motions Arising from Liaison Committee Reports

11.3.1 Funding for CSI Work:

Motion from Ray Larsen, CSI Liaison: That NPSS approve a donation of \$37,000 to CSI for tasks in remainder of FY12 and beginning FY13 for Haiti only.

Explanation: \$23,000 in FY12 (immediate) to design and build prototype second generation ultra-portable low-cost SunBlazer solar generator, SB-II. Under study past 3

months to lower cost, improve portability over extreme terrain. Need urgent. Tasks will be completed before end of IEEE fiscal year. \$14,000 in FY13 to procure new circuit boards and retrofit faulty portable battery kit Low Voltage Discharge (LVD) cutoff circuits in Haiti, and to begin developing support teams for Africa initiatives. Haiti item urgent; plan assumes ordering parts in FY12 & Haiti field trip in early FY13. Task and budget details summarized in table below.

CSI for Haiti Budget Summary Nov 3, 2012			
Item	Amount	Uses/Deliverable	Comments
FY 12 Starting Balance NPSS Fund for Haiti (Voted FY11)	\$ 50,000		
FY12 Expense to Date	\$ 35,000	Haiti Pilot 2 completion, assembly training travel (2 trips), deployment travel (1 trip), misc shipping	
Current Balance (Approximate, waiting exact amount from PES - P. Ryan)	\$ 15,000		
Proposed Expense FY12			
SunBlazer-II chassis design: Sirona SOW in hand - P. Lacourciere <i>Current design has many shortcomings in Haiti, SB-II, be more compact & secure, more portable into areas with no roads, wheels removable, significantly lower cost</i>	\$ 10,000	Sirona open-source design, documentation SB-II Chassis, New Charger Packaging, security features	Urgent need! Sirona-Haiti need for pending build 10 units. SOW will complete before IEEE FY 12 close.
SunBlazer II overall design & construction: Nextek SOW in-hand- P. Savage, CEO	\$ 26,000	Nextek solar panel mounting open-source design, documentation; Construct, field test, deliver completely tested & documented SB-II for IEEE Open Source Repository	Urgent for Haiti, Africa planning. Will complete before IEEE FY12 close.
PBK LVD Prototypes	\$ 1,000		
Total New Expense FY12	\$ 37,000		
Less balance on hand	\$ 22,000		
Contingency	\$ 1,000		
Total Additional Request FY12	\$ 23,000		
Proposed Expense FY 13			
PBK LVD Replacements	\$ 9,000		
Repair team to Haiti (2 people 1 week)	\$ 5,000		
Total FY13 Request	\$ 14,000		
Total FY12 + FY13 Request	\$37,000		

Notes:

- CSI Co-Chair Robin Podmore is VP for New Initiatives and Outreach for next 2 years, & PES is CSI banker.
- In FY12 PES funded all Africa Travel, ~\$40K, plus \$60K new funding to Africa & Bangladesh initiatives; plus operating budget of \$25K for smaller projects in Zambia, India, Bangladesh.
- PES funds in 2013 likely to be only \$25K. PES major surplus comes from one large conference every 2nd year.
- CSI depending on CSI Foundation fundraising for major seed funding for new startups, target \$2M per year for 10 new startups per year.
- Propose to tap other IEEE Societies to help with expenses, IEEE Volunteer support.

This motion was approved by voice vote. It was recommended that Ray set up an advisory committee of NPSS members.

11.4 Other New Business

11.4.1 Request for NPSSS Sponsorship of the Council on Superconductivity:

The presentation sent by Council president was presented. By voice vote there was no interest in pursuing sponsorship of this Council.

11.4.2 NMISC Constitution and Bylaws:

It was moved by the NMISTC that their revised Constitution and Bylaws be accepted as presented. These were accepted with a suggestion to check areas of interest against TMI. They do not need to be consistent since TMI covers areas that MIC does not.

11.4.3 President/ Vice President Elections:

Albe Larsen announced that Janet Barth was unanimously affirmed as our next president and John Verboncoeur was elected Vice President/President-elect on the first ballot, in a four-way competition.

March 3, 2012

10.0 Unfinished Business and Business Conducted between AdCom Meetings

10.1 NMISC Constitution and Bylaws: Voting members of NPSS AdCom approved changes and the revised C&B were published in the March 2012 Newsletter as required.

11.1 Motions Arising from Technical Committee Reports

11.1.1 NSREC Motion re: 50th Anniversary DVD: It was moved, seconded and passed that In recognition of the 50th anniversary of the founding of the conference, IEEE NPSS will provide \$75k in support of a special commemorative event at the 2013 NSREC.

11.1.2 Sixty-day Election Waiver: AdCom grants RE a waiver to its constitution and by-laws to hold its 2012 election electronically with a voting period of 45 days. Moved, seconded and passed unanimously.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1 Transnational Committee for European Booth Equipment and Storage: It was moved and passed that NPSS budget up to \$15,000 in 2012 and yearly thereafter to replace and enhance booth equipment for European conferences and to secure European warehouse and shipping capabilities to store and ship IEEE and NPSS booth equipment and literature for European conferences. (1 abstention).

11.2.2 Motion to Change Wording for Distinguished Lecturers: It was moved, seconded and passed that AdCom hereby authorizes expenditures of up to \$20k per year to cover the travel and living expenses of distinguished lecturers in making presentations at NPSS Chapter or IEEE Sections or student Chapter meetings. This motion was passed in July 2008. The DL chair proposed a new motion: Within the existing budget, the Distinguished Lecturers coordinator, with the agreement of the President, may authorize and approve travel and lodging reimbursement for Distinguished Lecturers to promote NPSS activities. This motion was passed following the failure of a motion to table.

11.3 Motions Arising from Liaison Committee Reports

None.

11.4 Other New Business

11.4.1 Travel Allowance Increase: It was moved, seconded and passed that voting AdCom members and functional committee chairs are budgeted up to \$3000 per year reimbursement for travel expenses to AdCom meetings (\$4,500 for trans-Atlantic or trans-Pacific travel). However, members are encouraged to use other sources of travel funds, if possible, and expenses will not be reimbursed for travel to meetings that they would otherwise attend.

October 29, 2011

10.0 Unfinished Business and Business Conducted between AdCom Meetings

None.

11.1 Motions Arising from Technical Committee Reports

11.1.1 NSREC Motion re: 50th Anniversary DVD: The Radiation effects community will celebrate its 50th anniversary in 2013 and would like to supplement the conference registration fees to provide for a celebratory event. The original motion read: “Special events are encouraged to commemorate the 50th anniversary of the founding of each NPSS sponsored conference. The nature of the event should be determined by the conference committee, and reviewed by the responsible Technical Committee. Funds for the special event will be provided by NPSS, up to 100% of the 15% expected return for the conference, upon budget approval by the NPSS Treasurer.” A revised motion “AdCom approves the expense of \$75K for NSREC for a special 50-year celebration at the 2013 conference” was tabled following considerable discussion and an explanation by Hal Flescher of IEEE income streams, and registration fees below market for competing conferences.

11.2 Motions Arising from Functional and Appointive Committee Reports

None.

11.3 Motions Arising from Liaison Committee Reports

11.3.1 Motion from the SSIT, CSI Liaison: It was moved, seconded and passed that NPSS would provide an additional \$50k to the CSI Haiti project to help with finishing and deploying the Phase II pilot program trailers. The money may be spent in either 20011 or 2012. Ray noted that all engineering for the project is pro bono and the expenses are primarily components, assembly and shipping/deployment.

11.4 Other New Business

None.

July 30, 2011

10.0 Unfinished Business and Business Conducted between AdCom Meetings

10.1 Election Time Frame: A vote was taken between AdCom meetings to shorten the period for election ballot returns from 60 to 45 days. RISC and NMISC need to change their constitutions and bylaws.

10.2 Dues and Publication Pricing: It was voted between AdCom meetings to maintain 2011 dues and publication pricing, overturning the vote taken in March.

11.1 Motions Arising from Technical Committee Reports

11.1.1 NSREC Motion re: 50th Anniversary DVD: The radiation effects committee requests approval to make and distribute a copy-protected electronic media (DVD or USB) collection that includes all NSREC publications (TNS and Radiation Effects Data Workshop) through Dec 2012 to all technical program attendees of NSREC 2013 at the conference.

Supporting information: Expected one-time distribution to 600 people. Production costs expected to come from the 2013 NSREC budget. This is our 50th anniversary conference. It is our understanding a similar collection of publications from EDS did not impact Explore downloads. The motion carried by voice vote.

11.2 Motions Arising from Functional and Appointive Committee Reports

None.

11.3 Motions Arising from Liaison Committee Reports

11.3.1 Request to Establish an IEEE Foundation Fund: The Power and Energy and Nuclear and Plasma Sciences Societies request the establishment and administration of a new IEEE Foundation fund entitled *Community Solutions Initiative (CSI) for Affordable Energy*. The purpose of the Fund will be to finance the development of affordable, scalable energy solutions for developing countries in cooperation with NGOs qualified to develop community-operated businesses and in-country manufacturing from Open Source designs. See the Appendices for the full report on this request. The motion was carried by voice vote.

11.4 Other New Business

11.3.1 Life Sciences New Initiative: Alberto Del Guerra introduced the Life Sciences New Initiative, introduced in 2010 to the IEEE Board of Directors. This is a three-year program that would coordinate and promote leadership in all technical activities in all societies and councils in the life sciences including bioengineering, biomedical engineering, healthcare technologies, and applications of various technologies to life sciences and health care. There are five target areas: a Life Science portal, Road map and branding, Membership, Publications and Conferences and Grand Challenges. The portal was launched in June. The group has new members who will meet by teleconference in August. Moshe Kan is trying to get this to TAB and get a plan for cohesive action.

March 26, 2011

10.0 Unfinished Business and Business Conducted between AdCom Meetings

None.

11.1 Motions Arising from Technical Committee Reports

11.1.1 PSAC Bylaws Motion: To approve the revised Bylaws for the NPSS Plasma Science and Applications Committee (PSAC), as approved by the PSAC ExCom on 2 February 2011. The motion was carried with 1 abstention.

11.1.2 WIE Reception Motion: PSAC and FTC jointly request that NPSS provide up to \$5k (\$2.5k each) to support the WIE reception at ICOPS/SOFE2011. The motion failed (17 N, 5 Y).

11.1.3: Motion to disconnect from Sensors Council: It is moved that NPSS discontinue its membership in the Sensors Council based on little involvement by NPSS members. (Unanimous).

11.1.4 RITC Motion to Increase Jordanov Awards: To increase the annual expenditure from the Valentin T. Jordanov Radiation Instrumentation Travel Grant Fund to a maximum of \$7200 beginning in 2011. The motion passed unanimously.

11.1.4 RITC Motion to Technically Cosponsor PLIM Conference: It was moved and passed that the NPSS technically cosponsor the Third International Symposium on Nuclear Power Plant life Management for Long Term Operation to be held in Salt Lake City, UT, in May 2012.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1 Awards Committee Motion on Early Achievement Award: The NPSS Award Committee moves to grant two Early Achievement Awards in 2011, pending TABARC approval, if required. The motion failed. It was recommended that the award wording state explicitly that there is to be only ONE award in any year.

11.2.2 Proposed Fees for the 2012 Budget: Motion: that the fees for the 2012 budget shall be:

NPSS Membership	fee \$35		
		TNS	TPS
Member of IEEE and NPSS		\$120	\$195
Member of IEEE		\$160	\$235
Non-member		Use the John Dahl recommendation	

There was considerable argument. The 2011 rates prevailed.

11.3 Motions Arising from Liaison Committee Reports

11.3.1 Additional Support for Haiti Initiative (Motion 1): It was moved and seconded that NPSS vote funding for 2011 for the Community Solutions Initiative Haiti Reliable Electricity Project as follows:

\$20,000 to cover outstanding costs of shipping and deployment of six (6) generator units in rural Haiti (Pilot 1 Program). This motion passed.

11.3.2 Additional Support for Haiti Initiative (Motion 2): It was further moved and seconded that NPSS vote funding for 2011 for the Community Solutions Initiative Haiti Reliable Electricity Project as follows:

\$20,000 toward construction of two of nine additional units to be built in 2011 (Pilot 2)

This motion passed.

The costs for these two motions are based assumption that trailers and solar panels are already in hand for four of nine new units.

