

March 6, 2021 (Zoom)

10.0 Unfinished Business and Business Conducted between Meetings

10.1 Revision of the Minutes of July 2020

It was moved and seconded that the July 2020 AdCom Minutes be revised to include the creation of the Edward J. Hoffmann Early Career Award. The motion passed and revised Minutes are posted to our web site. 21 Y, 0N, 3 A.

11.0 New Business

11.1 Motions Arising from Technical Committees

11.1.1 A Motion from Radiation Effects Regarding 2021 MCE fees for RADECS:

AdCom approves that NPSS will cover the \$1,450 Administrative Fee for the Technical Cosponsorship of RADECS 2021. Approved. 24Y, 0N, 0A.

11.2 Motions Arising from Functional Committees

11.2.1 Motion from FinCom: Creation of an NPSS Fund in the IEEE Foundation

AdCom approves continuing the process to establish the NPSS Fund in the IEEE Foundation. Approved. 22Y, 0N, 1A.

11.2.2 Motion to Approve Nominations Committee:

AdCom approves the NPSS Nominations Committee consisting of the eight TC chairs and the NPSS Nominations Committee Chair. Approved. 24Y, 0N, 0A.

11.2.3 Motion to Approve the Revised C&BL

It was moved and seconded that the revised NPSS Constitution and Bylaws be approved. 24Y, 0N, 0A.

June 28, 2021 (Zoom)

10.0 Unfinished Business and Business Conducted between Meetings

10.1 Revision of the Minutes of July 2020

11.0 New Business

11.1 Motions arising from Technical Committee Reports

11.1.1 Motion for Technical Cosponsorship of APCOPTS 2022:

PSAC moves that the 3rd Asia-Pacific Conference on Plasma and Terahertz Science (APCOPTS 2022) on Jeju Island in Korea become a technically cosponsored conference of the NPSS under the auspices of the Plasma Science and Applications Committee and that the NPSS pay the \$1,450 Technical Cosponsorship fee. Passed: 23 Y, 0N, 1A

11.1.2 AdCom approves to change the description of Eligibility for the CANPS award as follows:

«Any person is eligible for the award. If a member of the CANPS Technical Committee nominates a candidate or is nominated for the award, this member shall abstain from the discussion and the vote» 22Y, 1N

11.1.3 Sponsor International Youth Conference on Energy IYCE

AdCom approves that IYCE 2022 in Budapest, Hungary, become a technically cosponsored conference of the NPSS. The TCS fee of \$1,450 shall be shared between NPSS and the other supporting IEEE societies.

Background:

- Organized every 2 years since 2007
- TCS by IEEE:
 - Power & Energy Society
 - Industry Application Society
 - Dielectrics and Electrical Insulation Society
 - Power Electronics Society
- Budapest IEEE Student Branch Chapter asks for TCS of IYCE 2022 by NPSS
- Good networking event for YP in Region 8

TCS fee will be shared by supporting societies

Motion withdrawn

11.2 Motions arising from Functional Committee Reports

11.2.1 Motions from FinCom

11.2.1.1 Motion on Foundation Fund:

AdCom approves going forward with the NPSS Fund in the Foundation.

Surplus funds can go here rather than to reserves, allowing more flexibility for initiatives.

22Y 0N, 0A passes

11.2.1.2 Motion to Approve Initiative Rankings:

AdCom approves the ranking and appropriateness of the 2022 initiatives.

23 Y, 0 N, 1 A

11.2.2 Motion from Nominations Committee:

AdCom approves a one-time exception to the AdCom election process, allowing CANPS to fill one two-year term and one four-year term. The candidate elected to fill the two-year term will be eligible to run for a full-term after completion of the two-year term. The partial term shall be filled by the candidate having the second highest vote total in the election.

22 Y, 0 N, 0 A passes

11.3 Motions Arising from Liaison Reports: None

11.4 Other New Business

11.4.1 Early Career Travel Grants:

See Appendix 11.4 for background

11.4.1.1 Craig Woody moves, seconded, that AdCom approves changing the name of the NPSS Early Career Conference Allowances to NPSS Early Career Conference Credits. Passes

11.4.1.2 Craig Woody moves, seconded, that AdCom approves removing the IEEE and NPSS membership requirements for the NPSS Early Career Conference Credits. Passes. 19 Y, 3 N. 0 A.

October 23, 2021 (Zoom)

10.0 Unfinished Business and Business Conducted between Meetings

10.1 Motion to Delay AdCom Elections.

The Nominations Committee moves that AdCom extend the dates of the annual NPSS election until the FTC can complete its slate. This extension may last up to a maximum of one month if necessary. The electronic vote passed unanimously.

11.0 New Business

11.1 Motions arising from Technical Committee Reports

11.1.1 Motion from NMISC:

NMISC move that AdCom approve that the 2022 PSMR (PET/SPECT/MR) be an NPSS technically co-sponsored conference. The conference will be held on the island of Elba in May 2022 together with the whole-body PET conference. The motion passed 18Y, 0N, 3A.

11.1.2 Motion from NMISC to Pay PSPM fees:

It was moved that NPSS pay the technical cosponsorship fee for PSMR 2022.
Passed: 17Y, 0N, 4A.

11.2 Motions Arising from Functional Committee Reports

11.2.1 Motions from FinCom

none

11.2.2 Motions from the Awards Committee

11.2.2.1 Hasegawa Award

AdCom approves that funding of the **Bruce H. Hasegawa Young Investigator Medical Imaging Science Award** be changed as follows:

Funding: Funded by the Nuclear Medical Imaging and Sciences Technical Committee of the IEEE Nuclear and Plasma Sciences Society IEEE Nuclear and Plasma Sciences Society's Nuclear Science Symposium (NSS) and Medical Imaging Conference (MIC) budget.

Motion carries: 19Y, 0N, 1A

11.2.2.2 RI Early Career Award

AdCom approves funding of the **Radiation Instrumentation Early Career Award** be changed as follows:

Funding: Funded by the Radiation Instrumentation Technical Committee of the IEEE Nuclear and Plasma Sciences Society IEEE Nuclear and Plasma Sciences Society's

Nuclear Science Symposium (NSS) and Medical Imaging Conference (MIC) budget.
Passed: 19Y, 0N, 1A.

11.2.2.2 Changes to Phelps Grant wording

AdCom approves that the Paul Phelps Continuing Education Grant be changed as follows:

Description: To promote continuing education and encourage membership in NPSS.

Prize: Maximum of \$15K per year as follows: To provide up to \$3,000/year to each NPSS conference sponsoring Short Courses continuing education courses, up to a maximum of \$15,000 per year for all grants. Funds are to be used to cover tuition costs and/or travel costs to attend Short Courses continuing education courses. Actual award amounts for individual grants and use of funds for applicable travel expenses are decided by each NPSS Conference.

Funding: Funded by the Nuclear and Plasma Sciences Society.

Eligibility: Outstanding Student Members of NPSS and members of NPSS who are either Student Members, Post-Doctoral Fellows or Research Associates, or unemployed Members of NPSS who need assistance in changing career direction.

Basis for Judging: Exceptional promise as a Graduate Student, postdoc or research associate in any of the fields of the NPSS, or showing exceptionally good past work in those fields for currently unemployed NPSS members and with an expectation that attendance at one or more of the Short Courses continuing education courses will result in improved possibility of obtaining a job in an NPSS field.

Presentation: Presented each year at the NPS sponsored conference in which the Short Courses continuing education courses are given. The awards will be handled prior to the dates of the Conference, so that award recipients can apply the corresponding funds towards covering tuition and/or travel costs to the Short Courses continuing education courses.

Passed: 16Y, 2N, 3A.

11.3 Motions Arising from Liaison Reports

11.3.1 Motion from WIE

WIE liaison moves that AdCom adopt the WIE pledge to work toward gender-diversified panels at all IEEE meetings, conferences and events, including our own. Seconded.

Passd: 19Y, 2N, 0A.

11.4 Other New Business

11.4.1 EduCom

The EduCom ad hoc moves that AdCom approve the establishment of an Educational Committee as a new Functional Committee of the NPSS AdCom.

Passes: 18Y, 1N, 2A.

Stefan Ritt was appointed by Steve Meikle to be the first EduCom chair.

March 5, 2022 (Zoom)

10.0 Unfinished Business and Business Conducted between Meetings

10.0 Old Business and Business Conducted Between Meetings: None

11.0 New Business

11.1 Motions Arising from Technical Committee Reports

11.1.1 Motion from PSAC to Amend Bylaws:

PSAC moves that AdCom approve the proposed revisions to PSAC Bylaws 2.1 and 2.6 dealing with the election of transnational candidates to the PSAC ExCom. See Appendix 11.1.1 and the PSAC report, Appendix 7.5 for detail. The motion carried 23 Y, 0 N, 1 A.

11.1.2a Motion to Technically Cosponsor ANIMMA2023:

The Radiation Instrumentation Steering Committee moves that Advancements in Nuclear Instrumentation Measurement Methods and their Applications (ANIMMA) 2023 be a Technically Co-Sponsored conference of NPSS. Carried: 24 Y, 0 N, 0 A.

11.1.2b Payment of TCS support fee for ANIMMA 2023:

The Radiation Instrumentation Steering Committee moves that the Technically Co-Sponsored conference administrative fee of USD 1450 for ANIMMA 2023 be paid by NPSS. Carried. 23 Y, 0 N, 1 A.

11.1.3 Technical Cosponsorship of IPMHVC 2024:

PPST moves that AdCom approve that the 2024 International Power Modulator and High Voltage Conference (IPMHVC) be a NPSS technically co-sponsored conference. Carried. 23 Y, 0 N, 1 A. Note that this is an IEEE conference so there is no fee.

11.2 Motions Arising from Functional and Appointive Committee Reports

11.2.1 Motions from the Finance Committee

11.2.1.1 AdCom approves transfer of \$25k to the NPSS Foundation Fund.

Endorsed by FinCom 04-Mar-2022. Carried. 24 Y, 0 N, 0 A.

11.2.1.2 AdCom approves Fast Track Initiative slate prioritization.

Endorsed by FinCom 04-Mar-2022. Carried. 23 Y, 0 N, 1 A.

11.2.2 Motion to Approve EiC for TNS:

The NPSS AdCom approves the appointment of Zane Bell to another 3-year term as the Editor-in-Chief of the *IEEE Transactions on Nuclear Science*. From the Publications Committee. Approved. 24 Y, 0 N, 0 A.

11.2.3 Motion to Approve EiC for TPS:

The NPSS AdCom approves the appointment of Steve Gitomer to another 3-year term as the Editor-in-Chief of the *IEEE Transactions on Plasma Science*. *From the Publications Committee. Approved 24 Y, 0 N, 0 A.*

June 30, 2022

10.0 Old Business and Business Conducted between Meetings:

None.

11.0 Motions Arising from Committee Reports

11.1 Motions Arising from Technical Committee Reports

11.1.1 Motion from Fusion TC.

Motion to reduce number of ExCom members was withdrawn.

11.1.2 Motion from Fusion TC:

Motion to change wording of the FTC C&BL was withdrawn.

11.1.3 Motion from Radiation Effects:

RE moves that AdCom approve that the 2022 RADECS (Radiation and its Effects on Components and Systems) conference be an NPSS technically co-sponsored conference. Passed 19 Y, 0N, 1 A.

11.1.4 RE Motion re Administrative Fees:

RE moves that AdCom approve that NPSS pay the technical co-sponsorship administrative fee for the 2022 RADECS conference. Passed 21 Y, 0 N, 0 A.

11.2 Motions Arising from Functional Committee Reports

11.2.1 Motion from FinCom:

AdCom moves to finalize the attached list of NPSS initiatives for the 2023 budget.

List for 2023							
	Title	Sponsor(s)	Funding Request	Subsequent	Submit to IEEE	remaining	
			Current			years	report
2022 Initiatives							
<i>NEW</i>	Support for Ukrainian Members of the NPSS Community	C. Woody	\$ 25,000.00	\$ 25,000.00			
<i>NEW</i>	NPSS Educational Committee	Stefan Ritt	\$ 150,000.00	\$ 50,000.00	\$ 50,000.00		
	Open Kinetic Modeling Initiative	Roger Fulton	\$ 22,500.00	\$ 22,500.00	\$ 22,500.00	1	
	NuVirLab	Martin Grossman	\$ 50,000.00	\$ 100,000.00	\$ 50,000.00	2	
	Indigenous Food and Energy Security	Simmons-Potter / Ker	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	1	y
	NPSS Student Chapter Membership Fee Subsidy Program	Steve Gold	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	1	y
	Development of New Methodologies for Hybrid Conferences	Chiara Guazzoni	\$ 25,000.00	\$ 50,000.00	\$ 25,000.00	2	y
	WIE Event at Schools	Cinzia Da Via	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	1	y
	NPSS Early Career Conference Allowances	Craig Woody	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	1	y
	Solar Powered Plasma Activated Water for Disinfectants on Demand	John Foster	\$ 65,000.00	\$ 65,000.00	\$ 65,000.00	1	n
	NMISC Balanced Representation Subcommittee	Joyita Dutta	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	1	n
	Radiation Effects Educational Outreach and Continuing Education	Keith Avery	\$ 10,000.00	\$ 35,000.00	\$ 10,000.00	1	y
	NSPEC Publicity & Communication Initiative	Reed	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	1	y
	Foundation Fund	Roger Fulton	\$ 160,000.00	\$ 80,000.00	\$ 80,000.00		
	Development of a Sustainable Electricity in a Zambian Refugee Camp	Makai Mulenga / Ray	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	1	y
	Electricity to Combat Deforestation Effects in Chaco Argentina	Chalbaud / Ray Larsen	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	1	y
	TOTAL		\$ 847,000.00	\$ 767,000.00	\$ 642,000.00		
	complete						
	continuing	2023 encumbered:	\$ 239,500.00		\$ 642,000.00		
	new fast track						
	self COI						

The motion carried with 12 Y, 0 N, 6 A.

11.2.2 Motion to Approve Nominations Committee:

AdCom approves the NPSS Nominations Committee consisting of the eight TC Chairs and the NPSS Nominations Committee Chair. Passed

November 12, 2022

10.0 New Business and Business Conducted Between Meetings: None

11.0 AdCom Actions

11.1 Actions Arising from Technical Committee Reports

11.1.1. Motion from Radiation Effects to Change C&BLs, Article V

RE moves that Article V, Section 1 of the C&BLs (Nomination and Election of Radiation Effects Steering Group Members) be modified From Current: 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 the Past Chair who shall have the tie-breaking vote. To Proposed: The Nominating Committee shall be made up of the three elected Members-at-Large and the past Senior Member-at-Large of the RESG and shall be chaired by the Past Chair who shall have the tie-breaking vote.

Passed: 19 Y, 0 N, 0 A

11.1.2 Motion from RISC to accept modified C&BL

RISC moves that AdCom approve the revised Radiation Instrumentation Technical Committee Constitution & Bylaws.

The revised C&BL were circulated to AdCom for review. Passed: 18 Y, 0 N, 1 A.

11.2 Actions Arising Functional Committee Reports

11.2.1 Motions from FinCom

11.2.1.1 Student Membership Fee:

FinCom moves that AdCom approve that the NPSS student membership fee shall be \$2.00 The first-year free membership remains in place. 18 Y, 0 N, 1 A.

11.2.1.2

FinCom moves that AdCom approves \$100,000 to support the Darway Coast Initiative, to be transferred to IIII Smart Village before the end of 2022. See Appendix 11.2.1.2 for detail about the project, and the initiative application. Passed: 18 Y, 0 N, 1 A.

11.3 Other New Business

11.3.1 Meeting Schedule 2023 and 2024

It was moved by Vesna Sossi and seconded by Martin Nieto-Perez that the meetings for 2023 and 2024 be held as follows:

2023 Meetings

March 2 – 4, Westin Gaslamp Quarter, San Diego, CA

June 23 - 24, Virtual

November 10 - 11, Vancouver, BC, Canada

2024 Meetings

March 7- 9, La Fonda, Santa Fe, NM, USA

June 28 - 29, Virtual (to be confirmed)

November 1 - 2, Tampa, FL, USA

Passed unanimously.

March 23, 2023, San Diego

10.0 Business Conducted between Meetings: None

11.0 AdCom Actions

11.1 Actions Arising from Technical Committee Reports

11.1.1 FTC C&BL Changes: Withdrawn

11.1.2 FTC change of wording: Withdrawn

11.1.3 Technical Cosponsorship (TCS) of 2024 AAC:

PAST requests technical cosponsorship of the 2024 Advanced Accelerator Concepts Workshop AAC 2024. Approved: 25 Y, 0 N, 0 A

11.1.4 AAC Fee Waiver:

PAST Moves that NPSS pay the administrative fee (\$1450) for technical cosponsorship of AAC 2024. Passed: 25 Y, 0N, 0A.

11.1.5 TCS of RADECS:

RE moves that AdCom approve that the 2023 RADECS (Radiation and its Effects on Components and Systems) conference be an NPSS technically co-sponsored conference. Passed: 26 Y, 0 N, 0 A.

11.1.6 RADECS 2023 Fee Waiver:

RE moves that AdCom approve that NPSS pay the technical co-sponsorship administrative fees of \$1450 for the 2023 RADECS conference. Approved: 27 Y, 0 N, 9 A.

11.2 Motions Arising from Functional Committee Reports

11.2.1 Approval of Nominating Committee Membership:

Moved by Steve Meikle, seconded by Sara Pozzi that the slate of potential members be approved. The members are all TC chairs and Steve as chair. Passed: 27 Y, 0 N, 0 A.

11.2.2 FinCom:

Expansion of Chapters budget use: AdCom approves expansion of the scope of budget authority by the NPSS Chapters Program to allow use of up to \$5,000/yr to support free one-time-only IEEE+NPSS undergraduate student memberships in order to support NPSS student chapters in low-income countries.

- Endorsed by FinCom 02-Mar-2023
- Financial impact: none – uses existing budget

Passed: 27 Y, 0 N, 0 A.

11.2.3 FinCom: Funding for Coalition for Plasma Science:

AdCom approves support of the Coalition for Plasma Science in 2023-2025 at \$5,000/yr.

- Endorsed by FinCom 02-Mar-2023
- Financial impact: \$5,000/yr, tentatively includes:
 - \$1500 for high-school science fair awards
 - \$1500 for undergraduate conference poster award
 - \$2000 for PlasmaNET workshop (support K-12 teachers' participation.)

After vigorous discussion it was moved that the motion be modified to \$10k per annum for CPS. The motion to modify the original motion carried: 23 Y, 3 N, 1 A.

The above motion was modified to read \$10,000 rather than \$5,000 and applies to the years 2023 – 2025. The motion carried unanimously.

11.3 Motions from Liaisons: None

June 24, 2023 (Zoom)

10.0 10.0 Unfinished Business and Business Conducted Between Meetings

10.1 C&BL Modification

The following changes to the NPSS C&BL were approved at a special meeting of AdCom and subsequently approved by TAB:

IEEE/Nuclear Plasma Sciences Society Approved changes to the Constitution and Bylaws

Article V Section 9c of the Constitution.

(c) Each Elective Standing Technical Committee shall consist of at least 9 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 their Constitution and Bylaws subject to the approval of the AdCom; (3) A statement of criteria for membership.

Section 7.6 of the Bylaws.

7.6. Appointive Standing Technical Committee shall gain elective status by presenting a petition requesting such status signed by at least 9 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 X of the Constitution.

11.0 New Business

11.1 New Business Arising from Technical Committee Reports

11.1.1 CANPS Award Wording:

CANPS moves that AdCom approve the new wording for the CANPS award as presented to AdCom on June 24, 2023. See Appendix 7.1). Approved: 21 Y, 0 N, 0 A.

See Appendix 11.1.1 CANPS Revised NPSS Award for the new wording as well as the TABARC requirements.

11.1.2 Proposed New RE Award for Exemplary Service to Meetings and Conferences:

- Description.** To recognize a member of the Radiation Effects community who has demonstrated exemplary services to the meetings and conferences of the Radiation Effects Committee over a sustained period.

- **Eligibility.** The nominee is not required to be a member of the IEEE and the NPSS but where candidates have otherwise equal qualifications, preference shall be given to the candidate who is a member of the IEEE and the NPSS.
 - **Prize Items.** The recipient will receive US\$1,500 and a plaque.
 - **Funds.** Funded by the Nuclear and Space Radiation Effects Conference unless a suitable endowment is established.
 - **Selection Committee.** Nominations will be evaluated by the elected members of the RESG, namely, the Executive Vice-chair, Chair, Past-chair, and Secretary and three Members-at-Large.
 - **Presentation.** At the annual IEEE Nuclear and Space Radiation Effects Conference (NSREC) during the NSREC awards ceremony.
- Approved: 22 Y, 0 N, 0 A.

11.2 Motions Arising from Functional Committee Reports

11.2.1 Motions from FinCom

FinCom approves transferring up to \$500k from 2023 surpluses to the NPSS Foundation Fund in November. The exact amount will be determined by the NPSS Treasurer and the NPSS President. Approved: 21 Y, 1 N, 0 A.

FinCom approves using the prioritization of initiatives submitted for approval on 6/23/23. See Appendices on the NPSS web site for the initiative list and rankings. Approved: 21 Y, 0 N, 0 A.