

**March 12, 2016**

## **10.0 Unfinished Business and Business Conducted Between AdCom Meetings**

### **10.1 Creation of the Jaszczak Award**

As the creation of the Jaszczak Award, created in 2013, was not minuted, let it now be read into the minutes that the Ronald J. Jaszczak Award was created to recognize and enable an outstanding graduate student enrolled in an accredited PhD curriculum, Post-doctoral Fellow or Ph.D. level Research Associate in the field of nuclear and medical imaging sciences to advance his/her research activities.

The award is for three years, with a review after the first and second year to determine continuation

## **11.1 Motions Arising from Technical Committee Reports**

### **11.1.1 Motion from PAST to join Council on Applied Superconductivity**

The motion failed. (Note listed on web as 11.4.1).

### **11.1.2 Motion from PAST re: Advanced Accelerator Concepts Workshop**

It is moved that IEEE NPSS provided Technical Cosponsorship if the Advanced Accelerator Concepts Workshop. NPSS members John Cary and Farhat Beg are members of the program committee. PAST and PSAC jointly support the motion. The motion passed unanimously. (Note listed on web and included with 11.4.1).

### **11.1.3 Motion re: Vietnam Summer School, July 2016:**

It was moved by RISC, CANPS and TNC that NPSS allow \$5000 financial support for tuition and expenses at the 2016 Vietnam Instrumentation School. The motion carried.

## **11.2 Motions Arising from Functional and Appointive Committee Reports**

### **11.2.1 Motions from FinCom**

#### **11.2.1.1 Student membership**

FinCom moves that all graduate and undergraduate students who are members of IEEE may receive their first year of NPSS membership at NPSS's cost, whether they sign up at a conference or on-line. Carries unanimously.

#### **11.2.1.2 TNS Transition to a Monthly Journal**

FinCom moves that it be approved that TNS transition from a bimonthly journal to a monthly journal.

#### **11.2.2: Motion to Accept Revised C&BL**

It was moved by the C&BL Committee that the final revisions of the NPSS Constitution and Bylaws be accepted. The motion carried by voice vote.

### **11.2.3 Motion from Awards Committee to Establish Glenn Knoll Fellowship**

NPSS will match Valentin Jordanov's gift of \$75k to establish two Fellowships.

Details to come. This has to be worked through with IEEE Foundation and TABARC.

**July 16, 2016**

**10.0 Old Business and Business Conducted Between Meetings**

None

**11.1 Motions Arising from Technical Committee Reports**

None.

**11.2 Motions Arising from Functional Committee Reports**

**11.2.1 Motions Arising from FinCom**

**11.2.1.1 NPSS AdCom approves 2017 budgeting of \$517k for the initiatives discussed during the Treasurer's Report**

16 Y, 1 abstain. Carried.

**11.2.1.2 NPSS AdCom approves using available 2016 initiative funds for initial development and first demo pilot of the ISV education test bed**

19 Y, 0 N, 1 abstain. Carried.

**11.2.1.3 Constitutional amendments**

NPSS opposes the constitutional amendments proposed by the IEEE Board of Directors (BoD) because of the potential deleterious consequences:

Because bylaw changes are not yet defined, the effect of approving the Constitutional Amendment is unknown

Based on available information, representation on the new BoD by the societies will go from the current 11 of 31 members to a number that might be zero. Detail is unknown as the bylaws are not yet complete.

Based on available information, the budget process run by the IEEE Operational Finance Committee will report in through the new Enterprise Board, on which Technical Activities will have but one vote of 6-8 members. They will also control the split of IEEE revenues, 80% of which is today earned by the Technical Societies from their products. How much we will have to support our NPSS activities is unknown.

See pro/con discussion at <http://ta.ieee.org/strategic-planning/tab-in-2030>.

Carried

11.2.1.4 FinCom moves to approve up to \$9k per year for WIE travel to WIE conferences and for WIE speakers to attend NPSS conferences as guest speakers at WIE.

***Editor note: this motion was corrected on July 22, 2017, at item 10.2***

Request to increase the funds for NPSS Women in Engineering events to cover travel costs (not to exceed \$1,500/event) for speakers from outside the conference community.

Background: Currently the NPSS supports Women in Engineering (WIE) events at our NPSS conferences by providing up to \$5,000/event for food and beverage and audio/video. WIE events are now held at all major NPSS sponsored conferences with attendance at the events increasing every year. Most events feature an invited speaker or leader of a panel discussion who is senior in the conference community. At conferences where the events have been held for several years, we are facing the need to “recycle” speakers from within our conference communities due to the low number of senior women in our technical fields. As such, it is beneficial for our WIE event attendees to invite speakers from outside of the community. Generally, the conferences are able to provide “room comps” for a 2-night stay for speakers who require support, however, these speakers also require support for their transportation and incidentals.

Request to provide one travel grant/year (up to \$3,000/year) for an NPSS/WIE member to attend the Women in Engineering International Leadership Conference (WIEI LC) in 2017-2019. The NPSS Awards Chair will administer the grant.

Background: WIE ILC brings together female and male STEM leaders from around the world. In its second year, 2015 WIE ILC sold out with almost double the attendance over the first conference (over 725 individuals). With attendees from over 40 countries, with 89% professional attendees with more than 2 years experience and with an online attendance of over 1,200 individuals, 2015 WIE ILC was ranked as high value by 95% of respondents. The 2016 WIE ILC returned to the San Jose Convention Center on 23-24 May 2016 with attendance of nearly 1,300 on-site registrations and 38 corporate sponsors. The 2016 conference program included 5 tracks – Innovation, Empowerment, Entrepreneurship, Executive Leadership, and Emerging Technology, with Emerging Technology as the fastest growing track. Lisa Lasareck, the WIE Chair for the Engineering in Medicine and Biology Society, stated on the July WIE telecom that the ILC was the best conference that she has ever attended. Our NPSS president offered to support my travel to the WIE ILC in 2016, however, I feel that support for travel to the WIE ILC should be competed and open to all mid- to senior-level NPSS/WIE members. I suggest a three-year term for this grant with the option of renewal depending on the future need for the WIE-ILC.

19 Y, 0 N, 0 abstain. Carried

### **11.2.2 Motion from the Communications Committee**

A motion from the Communications Committee to run a student video competition to produce short videos to use on our Facebook page and web site was tabled.

**November 5, 2016**

## **10.0 New Business**

### **11.1 Motions Arising from Technical Committee Reports**

**11.1.1 PSAC Cosponsorship of 2017 workshop on Plasmas for Cancer Treatment: AdCom approves the Technical Cosponsorship of the 2017 International Workshop on Plasma for Cancer Treatment (IWPCT), which will be held in Paris, France on March 27-28, 2017. 16 Y, 0 N, 0 Abstain (A)**

#### **11.1.2 Technical Cosponsorship of PET-MRI/SPECT-MRI Conference**

AdCom approves IEEE NPSS technical cosponsorship of the 2017 6<sup>th</sup> Conference on PET-MRI and SPECT-MRI (PSMR). 15 Y, 0 N, 1 A.

#### **11.1.3 MOU for NA-PAC and IPAC Conferences in North America:**

AdCom approves the new MOU for the APS-DPB, IEEE-NPSS and PAC OC for the IPAC and NA-PAC conferences held in the Americas. 16 Y, 0 N, 0 A.

### **11.2 Motions Arising from Functional Committees**

#### **11.2.1 Motions from FinCom**

##### **11.2.1.1 E-membership and Students at schools and workshops:**

Approve e-membership at 50% of normal NPSS dues as with IEEE dues. NPSS will also offer free first year NPSS and IEEE membership for students at schools and workshops. 15 Y, 0 N, 1 A.

##### **11.2.1.2 Requirements for Membership Desk support**

Every NPSS conference, financially sponsored and technically cosponsored, shall provide free conference registrations for 2 people who are there to work the membership desk and not there to attend the conference, and the conference will provide a membership desk in a highly trafficked area. This shall be part of every TCS MOU approved by NPSS and the TC chairs will assure this is part of their conferences. 16 Y, 0 N, 0 A.

##### **11.2.1.3 Unused 2016 Initiative Funds**

NPSS approves moving \$100k from unused 2016 Initiative funds to the Smart Village initiative and the funds will be transferred to PES for that purpose. 16 Y, 0 N, 0 A.

##### **11.2.1.4 Membership Dues**

For the 2018 budgeting process, NPSS will leave 2018 dues at the current level. 16 Y, 0 N, 0 A.

##### **11.2.1.5 Motion to Support International Workshop on Requirements Development for standard space radiation environment models**

See Appendix 11.2.1.4 for background and discussion. The NPSS AdCom approves support for a 3.5-day international workshop on requirements development for standard space radiation environment models. Support includes \$12K to partially cover the cost of the workshop and up to \$20K to provide travel support for up to 10 members of the radiation effects community to participate in the workshop. The motion passed: 14 Y, 0 N, 1 A.

## **11. 2.2 Motion from the Publications Committee**

### 11.2.2.1 MI MOU:

NPSS AdCom approves the renewal of the TMI MOU. 15 Y, 0 N, 1 A.

**March 4, 2017**

## **11.2 Motions Arising from Functional Committee Reports**

### **11.2.1 Motion regarding Video Contest:**

The Communications Committee moved that AdCom approve a budget of up to \$4000 to support a student video competition.

- ❖ The competition will be advertised beginning in June 2017 in the Newsletter, on the web and via Facebook with contributions due 15 December 2017.
- ❖ The video shall be no more than two minutes long and shall be based on the importance and relevance of NPSS to the student. For example, the video might show the relevance of specific NPSS technology to his/her work. The video copyright must be assigned to IEEE.
- ❖ The Awards Committee members shall be the chairs of the Awards, Communications and Membership Committees and additional up to three members they invite.
- ❖ Awards
  - First Prize: Up to \$2500 to attend the NPSS conference of his or her choice, plus certificate
  - Second Prize 128 GB I Pad Pro (\$700) or gift certificate of equivalent value plus certificate
  - Third Prize: \$250 gift certificate plus certificate

The videos will be used on our web site, at conferences between sessions, at the Membership table, and elsewhere as NPSS deems appropriate.

The motion passed.

### **11.2.2 Motion from the Publications Committee**

Publication of a conference-related special issue of a journal shall be at the discretion of the Editor-in-Chief of the journal, subject to approval by the appropriate Technical Committee Chair(s). The motion passed with 1 no and 2 abstentions.

### **11.2.3 Motion from the Nominations Committee**

Whereas the IEEE NPSS Bylaws (6.1) requires approval of the membership of the Nominating Committee, and Whereas membership was defined in the Nominating Committee report to include each TC Chair, the Nominating Committee Chair, and the NPSS President as ex-officio, Be it resolved that the NPSS AdCom approves membership as listed. (See Nominations report, Appendix 8.11.) The motion carried, no one opposing or abstaining.

## **11.4 Other New Business**

### **11.4.1 IEEE EOC-Election Policy**

Whereas the IEEE Board of Directors (BoD) has proposed changes to the Election Oversight Committee (EOC) and Election Policy, and Whereas the NPSS Administrative Committee (AdCom) has discussed said changes, and finds many antithetical to open discourse and transparent governance and election process, and



Whereas the NPSS AdCom concludes an EOC independent of the BoD and IEEE President is necessary to ensure a fair election process, Be it resolved that the NPSS AdCom opposes the proposed changes and respectfully recommends creation of an independent EOC.

The motion carried unanimously.

#### **11.4.2 Motion to technically cosponsor LAWPS**

It was proposed that the IEEE NPSS technically cosponsor the Latin American Workshop on Plasma Science. A formal motion will be presented for an email vote. The conference will be held in Mexico; about 150 papers are expected with heavy concentrations in plasma science and fusion. Michael Kong is an invited speaker; John Verboncoeur, Sal and members of the Fusion TC are expected to be involved. This is the 11<sup>th</sup> conference in the series with usual attendance of 100 to 150. The Conference Record would be published in Xplore, and 20-30 papers are expected to be submitted to TPS. Sal Portillo will be responsible for overall quality control.

**July 22, 2017**

## **10.0 Old Business and Business Conducted between Meetings**

### **10.1 Approval of LAWPP TCS**

AdCom voted 18 yes, 7 no to technically cosponsor the Latin American Plasma Physics Workshop to be held in Mexico.

### **10.2 Amendment of Item 11.2.1.4 of the Minutes of July 16, 2016**

The correct motion from FinCom, as presented to and passed by AdCom, reads:  
It was moved that NPSS will increase the funding for Women in Engineering events at NPSS conferences up to an additional \$1,500/event. These additional funds are to be used to support travel for speakers from outside of the conference community.  
The NPSS will fund one travel grant per year (up to \$3,000/year) for the years 2017-2019 for a NPSS/WIE member to attend the Women in Engineering International Leadership Conference. The NPSS Awards Chair will administer the grant.

## **11.0 New Business**

### **11.1 Motions Arising from Technical Committees**

#### **11.1.1 PPST Motion to technically Cosponsor 2018 EAPPC/BEAMS**

Moved that the NPSS-PPST Committee Technically Cosponsor the EAPPC/BEAMS Conference (7<sup>th</sup> Euro-Asian Pulsed Power Conference with the 22<sup>nd</sup> Intl. Conference on High-Power Particle Beams) to be held on September 16-20, 2018 in Changsha, China. The financial implication is the \$1000 fee for conference technical cosponsorship. We had been TCS for this in the past. Passed unanimously.

#### **11.1.2 PPST Motion to Technically Cosponsor 2018 EML**

It was moved by PPST that NPSS technically cosponsor the 2018 EML (Electromagnetic Launch) symposium to be held in St. Louis, France. We have precedent and known PPST members are the technical program chairs. Passed unanimously.

#### **11.1.3 RISC motion to establish the IEEE Emilio Gatti Radiation Instrumentation Technical Achievement Award**

It was moved by RISC that the Emilio Gatti Midcareer Award be established. The \$2000 award, plaque and certificate would be presented annually, with funding from the NSS conference budget. The recipient would have a minimum of 10 years' experience in the field. The award has been approved by the Gatti family and is acceptable to NMISC. The recipient would be chosen by the RISC Honors and Awards Committee. All IEEE rulings have been complied with. Passed unanimously.

#### **11.1.4 Motion to Technically Cosponsor IPMHVC 2018**

It was moved by the PPST committee that NPSS technically cosponsor the 2018 International Power Modulator and High Voltage Conference (IPMHVC 2018) to be held June 3<sup>rd</sup> to 7<sup>th</sup>, 2018 in Jackson Hole, Wyoming. George Laity, an NPSS member, will be general chair. Other NPSS members are involved IEEE DEIS is the sponsor.

Passed unanimously

### **11.2 Motions from Functional Committees**

#### **11.2.1 Motions from FinCom**

##### 11.2.1.1 Kris Kristiansen Award

It was moved that the IEEE NPSS establish the NPSS Magne “Kris” Kristiansen Award for Contributions to Experimental Nuclear and Plasma Science. This is an annual award of \$2000 administered through the IEEE Foundation and funded through gifts from Aud Kristiansen and the IEEE NPSS. Eligibility requires NPSS membership. Multiple recipients are not allowed; if no candidate is deemed acceptable, no award will be given. See Appendix 11.2.1.1 for detail. Motion carried unanimously

##### 11.2.1.2 Reimbursement Policy

The Reimbursement Policy was approved unanimously – see Appendix 8.7 FinCom Report.

##### 11.2.1.3 Supplemental Funds for Smart Village

FinCom recommends AdCom approve reallocating \$55k of 2017 initiative funding for the Smart Village Sunblazer Rugged project. Approved unanimously

##### 11.2.1.4 2018 Initiatives

FinCom moves that the following initiatives be approved for 2018 and included in the 2018 budget:

- NPSS Instrumentation Schools \$25k
- Conference S/W Development \$65k
- Internet Connectivity for Education and Business \$145k
- In-Process Conference Management Tool \$125k

Motion approved unanimously.

##### 11.2.1.5 Indico Development

FinCom moves that \$12k of 2017 initiative funding be reallocated for further development of the Indico conference software. The motion carried unanimously.

### **11.3 New Business Arising from Liaison Reports**

None.

#### **11.4 Other New Business**

The Minutes are amended to read that AdCom 2018 will be on Nov. 10<sup>th</sup> in Sydney, Australia.

**October 28, 2017**

## **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 CALOR2018**

The RISC TC moved the NPSS technically cosponsor CALOR2018. Passed by voice vote.

#### **11.1.2 PSMR 2018**

The NMISC moved that NPSS technically cosponsor the 2018 PET/MR – SPECT/MR conference to be held on Elba in May 2018. More than half the organizing committee are active NPSS members. This is a conference that might in future publish in TRPMS. Approval unanimous.

#### **11.1.3 First Asian-Pacific Symposium on Plasma and Terahertz Science and Technology**

It was moved by PSAC that NPSS technically cosponsor the first Asian-Pacific Plasma and Terahertz Science and Technology Conference. See Appendix 7.6 for much detail about this conference and its organizers. The motion carried with two abstentions.

#### **11.1.4 Radiation Effects Early Career Award**

Radiation Effects TC moved that a Radiation Effects Early Career Award be established, described as follows:

*The award is given to individuals who have made technical contributions that have had significant impact on the radiation effects community during the first ten years of their career (years since receiving their terminal degree). Examples include work that provides noteworthy solutions to important technical problems in radiation effects, or work that identifies significant new issues in the field. The award will consist of a plaque along with a cash award of \$1,500, presented at the annual Nuclear and Space Radiation Effect Conference. It is the intent of the RESG to give special consideration for this award to members of the community who are IEEE/NPSS members.*

The motion carried unanimously.

### **11.2 Motions from Functional Committees**

#### **11.2.1 Motions from the Finance Committee**

##### **11.2.1.1 Child Care Grants**

It was moved to make Conference Child Care grants an NPSS-supported activity at the current fiscal levels for NPSS financially supported conferences. For the purpose of

childcare activities, any combined NPSS conferences will be considered as separate conferences. Carried unanimously.

#### 11.2.1.2 Change Reimbursement Policy Wording

Functional Committee chairs. Liaison members and EICs who need travel support beyond AdCom meetings related to their positions, shall, at **last AdCom meeting of the year**, provide the NPSS Treasurer with a detailed budget of what support they will need the following year. Carried unanimously.

#### 11.2.1.3 Reimbursement Policy Modification

Liaison members of AdCom are funded by NPSS to attend one AdCom meeting each year. NPSS Presidents may make exceptions as they deem necessary. Unanimous.

#### 11.2.1.4 FinCom moves to implement the following policy for Technically Cosponsored Conferences

AdCom will individually determine if NPSS will pay the MCE TCS Fee for each of the conferences considered for Technical Cosponsorship (TCS). The motion carried (11 Y, 6 N, 4 A).

#### 11.2.1.5 CANPS Award

FinCom moves that the CANPS Conference Award be elevated to the level of other NPSS Technical Committee awards for outstanding contributions to the field of the technical committee. This will make the award a NPSS Society Award with the amount increased to \$3000. The award will be given at each Real-Time conference (biennial). Carried (20 Y, 0 N, 1 A).

### 11.2.2 Motion from the Awards Committee

The NPSS endorses the following changes to the NPSS Ronald J. Jaszczak Graduate Award as proposed by Ron Jaszczak:

- Change the current 3-year Award to 1 Award per year
- Initial 1-year Award to be presented in 2019
- Eliminate U.S. citizenship requirement
- Increase maximum eligibility age to 35 years old
- Allow nominees from both Universities and Research Institutes
- Nominee must be a regular or student member or have applied for membership of IEEE NPSS by nomination submission deadline date
- Simplify nominee review process (i.e., nominee to be selected directly by the IEEE NPSS Award Committee)
- Allow NPSS AdCom to consider increasing Award amount should IEEE Foundation increase maximum Award allowable amount in the future

The motion passed unanimously and will go to TABARC.

### 11.2.3 Requirements for Sponsored, Cosponsored and TCS Conferences

The Communications Committee Resolves that conference chairs of sponsored, co-sponsored and technically co-sponsored conferences are required to:

1. Provide a high-traffic area for the Membership booth.

2. Give the volunteers manning the booth, as they are not attending the conference, up to two free registrations will be provided.
  3. The same volunteers should be considered for comp rooms (except TCS conferences)
  4. All conference materials, web pages, applications and welcoming talks should clearly mention and promote IEEE, NPSS and the relevant Transactions.
  5. The sponsored conferences enable the NPSS to have award, WIE, Young Professional, conference child-care grant and schools programs.
- This will be voted electronically and read into the March minutes.

#### **11.4.1 Code of Conduct for NPSS Meetings**

Stefan presented a Code of Conduct for NPSS meetings derived from those used for APS meetings. See Appendix 11.4.1. Link to IEEE Policy against Discrimination and Harassment is to be placed on all conference web pages and nominate Allies during conferences who can help with ethics, breach of conduct issues.

**March 10, 2018**

## **10.0 Old Business and Business Conducted Between Meetings**

### **10.1 Space Environment Engineering and Science Applications Workshop**

Funded by US Science Foundation and NPSS. Workshop was held at NOAA in Boulder, CO. Janet Barth managed NPSS funds. Goals include broadening and supporting Radiation Effects interest in space radiation environments; improve alignment of research priorities; provide a venue to develop roadmaps, increased interactions between research and practitioner communities.

Results include developing five roadmaps and more. See Appendix 10.1 for full detail and a link to presentations given at the workshop.

## **11.0 New Business**

### **11.1 New Business from Technical Committee Reports**

#### **11.1.1 Megagauss XVI TCS**

The PPST Committee moves that NPSS technically cosponsor the 16<sup>th</sup> International Conference on Megagauss Magnetic Field Generation and Related Topics, to be held in Kashiwa, Japan in September 2018. NPSS will cover the MCE \$1000 fee.

Passed unanimously.

#### **11.1.2 ISHCE TCS**

The PPPST Committee moves that NPSS technically cosponsor the 20<sup>th</sup> International Symposium on High-Current Electronics, ISHCE, to be held September 16<sup>th</sup> – 22<sup>nd</sup> in Tomsk, Russia. NPSS to cover the \$1000 MCE fee.

Passed unanimously.

### **11.2 New Business from Functional Committee Reports**

#### **11.2.1 Motions from FinCom**

##### **11.2.1.1 SOFE 2019 Support**

NPSS Approves a one-time grant of up to \$25k to SOFE-2019 to be used for attendance of students from Chinese universities, NPSS to approve this motion as an initiative to bring more Chinese participation to US conferences.

16 Y, 7 N, 1 Abstention. The motion carried.

### **11.3 New Business from Liaison Reports: None**



## **11.4 Other New Business**

### **11.4.1 Affirmation of the TAB Code of Ethics**

It was moved by Frank Hegeler, seconded by Bryan Oliver, that the NPSS AdCom reaffirm the IEEE TAB Ethics statement. See Appendix 11.4.1 for text.

The motion passed unanimously.

### **11.4.2 Discussion of Two vs. Three AdCom Meetings Yearly**

Brendan Godfrey introduced this topic. Lively discussion led Stefan Ritt, President, to appoint an ad hoc committee to study this and to report at the July AdCom meeting. Such a change would require an amendment to our Bylaws.

**July 21, 2018**

## **10.0 Old Business and Business Conducted Between Meetings**

### **10.1 Change of Fusion TC from Appointive to Elective Status:**

A vote was held electronically to modify the Bylaws to change the Fusion Technology Technical Committee status from an appointive to an elective committee was approved with 20 votes in favor, 5 abstentions and no votes against. The change was thus approved.

## **11 New Business**

### **11.1 New Business from Technical Committee Reports**

#### **11.1.1 Motion to sponsor SORMA West:**

The RISC committee moves that NPSS sponsors SORMA West 2020.  
Passed unanimously.

#### **11.1.2 Motion to approve new NMISC award**

AdCom moves to approve the establishment of the “IEEE Medical Imaging Technical Achievement Award” (a new NMISC mid career award).  
Eligibility: 8-25 years experience and contributions in MI after highest degree  
Prize items: a plaque, a certificate, and \$2,000  
Single annual award funded by NSS/MIC budget  
Description: to recognize a mid-career individual who has made significant and innovative technical contributions in the field of medical imaging science.  
Passed unanimously.

#### **11.1.3 Motion to approve a matched contribution for the IEEE Robert J. Barker Graduate Student Award**

NPSS approves providing US \$25,000 matched contribution for the establishment of the IEEE Robert J Barker Graduate Student Award for Excellence in Pulsed Power Applications.

After a long discussion a motion was made to table this motion in favor of the FinCom version. The motion to table passed unanimously.

## **11.2 New Business from Functional Committee Reports**

### **11.2.1 Motions from FinCom**

#### 11.2.1.1 Best Paper Awards

AdCom moves to approve the annual Best Paper Awards for TPS, TNS and TRMPS at up to \$1.5k each  
Passed unanimously.

#### 11.2.1.2 Motion to approve a matched contribution for the IEEE Robert J. Barker Graduate Student Award

AdCom moves to approve the initiative contributing \$25k to the IEEE Foundation from the NPSS operational forecast to partially match the \$55k external contributions to fund the Robert Barker Graduate Student Award.

Passed unanimously.

#### 11.2.1.3a Smart Village

AdCom moves to approve the Smart Village New SunBlazer IV and PayGo PBK Supplier Development initiative for 2019 at \$137K  
After considerable discussion the motion passed with 15 for and 3 against.

#### *11.2.1.3b Mekong Education:*

AdCom moves to set aside \$55k for the Mekong Delta Sustainable Education initiative, pending approval at the November 2018 AdCom  
After discussion the motion passed with 15 for and 4 against.

#### 11.2.1.4 Instrumentation School

AdCom moves to set aside \$25k for the NPSS Instrumentation School Initiative for 2019, pending approval at the November 2018 AdCom  
Passed unanimously.

#### 11.2.1.5 Conference Software:

AdCom moves to approve the Conference Abstract S/W Development initiative for 2019 at \$50k.  
Passed with two abstentions

#### 11.2.1.6 Budget Tool:

AdCom moves to set aside \$168.8k for the NPSS Budget Tool initiative, pending approval by the November 2018 AdCom  
Passed unanimously.

### **11.2.2 ANIMMA WIE Event**

AdCom moves to approve the initiative providing \$2.5K to support a WIE event at ANIMMA 2019

After some discussion about the benefit of doing this at a TCS, the motion passed with one abstention.

**November 10, 2018**

**10 Old Business and Business Conducted Between Meetings: None**

**11 New Business**

**11.1 Motions Arising from Technical Committee Reports**

**11.1.1 Motions from NMISC**

11.1.1.1 Technical Cosponsorship of the 2019 PET/MR and SPECT/MR Conference  
To approve the technical co-sponsorship of 8<sup>th</sup> Conference on PET/MR and SPECT/MR (PSMR 2019) in Munich, Germany and to pay the \$1000 MCE fee. Several NPSS members are involved; the papers are published in TRPMS; past conferences have been technically cosponsored; the organizers are aware of the MCE fee.  
Passed unanimously.

**11.2 Motions from Functional Committees**

**11.2.1 Motions from FinCom**

11.2.1.1 Moved that AdCom approves the request for \$55K for the bending bamboo project in Vietnam for STEAM curriculum development, global classroom extension, classroom equipment and first electricity pilot planning in the Mekong delta.  
Passed with one abstention.

11.2.1.2 FinCom recommends AdCom approve the Mekong Vietnam Sustainable Education System Development Initiative at the \$55k allocated.  
Passed

11.2.1.3 FinCom recommends AdCom approve the NPSS Budget Tool Initiative for the \$168.8k allocated.  
Passed unanimously.

11.2.1.4 FinCom recommends AdCom approve the NPSS Instrumentation School Initiative at \$20k (\$25k initially allocated).  
Passed. No abstentions

11.2.1.5 FinCom recommends AdCom approve retaining NPSS dues at \$35 for 2020  
Passed unanimously

11.2.1.6 FinCom recommends AdCom approves \$5k for a TRPMS website and marketing.  
Passed unanimously

11.2.1.7 FinCom recommends AdCom approves \$5k/year for CPS for a period of five (5) years.  
Passed with one abstention.

11.2.1.8 FinCom recommends AdCom approve the “Process for Obtaining Early Conference Funds” and incorporating it in the Conferences part of the Policies and Operations Manual

Process for Obtaining Early Conference Funds

- If conference committee not yet appointed, TC Chair appoints Acting Conference Treasurer
  - FinCom recommends selecting a previous conference treasurer as Acting Treasurer
  - Acting or Conference Treasurer determines up-front funding requirements and asks NPSS Treasurer to get CB account with funds in the name of the Conference
    - These funds will be carried in the conference budget as a loan from NPSS
  - NPSS Treasurer asks MCE to open CB account and issue checks
  - Signature cards signed by Conference Treasurer (or Acting) and TC Chair
  - ERs associated with early activities initialed by Conf Treasurer (or Acting) and submitted to NPSS Treasurer for processing
- Passed unanimously.

### **11.2.2 Motion Requiring AdCom Approval of Future AdCom Meetings: From Ad Hoc Operations Review Committee.**

AdCom approves that the proposed dates and locations of future AdCom meetings shall be placed on the meeting agenda for formal approval at least three regular meetings prior to the first of the meetings under consideration.

Passed; five abstentions.

### **11.2.3 Motions to Change Knoll Grants**

Moved and seconded that AdCom approves changing the prizes for the Glenn F. Knoll Postdoctoral Education Grant and the Glenn F. Knoll Graduate Education Grant to the following:

**Prize:** \$5000 check, plaque and a copy of Glenn Knoll's textbook. Multiple recipients are not allowed.

Passed unanimously.

### **11.2.4 ICALEPCS**

AdCom approves the technical co-sponsorship of ICALEPCS 2019 with NPSS paying the TCS fee of \$1,000. Moved, seconded, passed with 1 no.

**March 9, 2019**

## **10.0 Unfinished Business and Business Conducted Between AdCom Meetings**

### **10.1 Approval of TNS Editor-in-Chief**

AdCom voted to approve the appointment of Zane Bell, Oak Ridge National Lab, as the new Editor-in-Chief of TNS.

### **10.2 Approval of Fellow Evaluation Committee Chair**

AdCom voted to approve the appointment of Dr. Ned Sauthoff as Chair of the Fellow Evaluation Committee.

### **10.3 Correction of Minutes of July 2018 Meeting**

This concerns approval of the Robert J. Barker Graduate Student Award. A motion in July approved the initiative contributing \$25k to the IEEE Foundation using money from our operational forecast to partially match the \$55k in external contributions to create this award.

The award itself was not explicitly approved. The Motion: NPSS approves the Robert J. Barker Graduate Award for Excellence in Pulsed Power Applications was approved.

See Appendix 10.3.

## **11.0 New Business**

### **11.1 Actions Arising from Technical Committee Reports**

#### **11.1.1 Motion to Approve PPST revised CC&BL:**

The PPST Committee moves that its revised Constitution and Bylaws be approved by AdCom. Approved unanimously

#### **11.1.2 Technical Cosponsorship of SCINT**

AdCom approves that NPSS will pay the \$1000 Administrative Fee for Technical Co-Sponsorship of SCINT 2019. There will also be a special issue of TNS associated with this conference. Motion carried with one abstention.

#### **11.1.3 Technical Cosponsorship of RADECS 2019**

AdCom approves that NPSS will cover the \$1,000 Administrative Fee for the Technical Co-sponsorship of RADECS 2019: Passed with one abstention.

#### **11.1.4 Sponsorship of ANIMMA**

The Transnational Committee moves that ANIMMA become a financially sponsored conference of NPSS starting in 2021.

A proposed amendment to remove the start year was defeated and the original motion carried with 16 Y, 5 N, and 3 abstentions.

### **11.1.5 Technical Cosponsorship of EFRE 2020**

The PPST Committee moves that NPSS technically co-sponsors the 7th International Congress on Energy Fluxes and Radiation Effects (EFRE-2020) to be held in Tomsk, Russia, 20-26 September, 2020. 21 Y, 1 abstain  
That NPSS pays the \$1,000 TCS administration fee. 21 Y, 1 no, 0 abstain. Both motions carry.

### **11.1.6 Technical Cosponsorship of IPMHVC 2020:**

The PPST Committee moves that NPSS technically cosponsors the 2020 International High Voltage and Power Modulator Conference to be held in Knoxville, TN, 7-11 June, 2020. As this is an IEEE conference there is no MCE fee. The motion carried with 22 Y, 0 N, and 0 Abstain.

## **11.2 Actions Arising from Functional Committee Reports**

### **11.2.1 Motions from FinCom**

#### 11.2.1.1 Funding Policy for WIE/YP Events:

AdCom approves the policy of funding, for financially combined NPSS sponsored conferences, one WIE event, one YP event for the combined conference, and a set of Phelps grants and childcare support for each conference. 19 Y, 2 N

#### 11.2.2 Approval of Nominations Committee:

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

#### 11.2.3 Accelerated Open Access

The Publications Committee moves that the NPSS AdCom approves taking the “Wait and See” option within the IEEE Accelerated Open Access program. 21 Y passed.

## **11.3 Actions Arising from Liaison Reports**

### **11.3.1 NCRP Extended Support:**

The March 2019 NPSS AdCom Committee moves to support National Council on Radiation Protection for an additional 5 years at up to \$5,000/year. Passed: 20 Y, 0 N, 0 Abstain.

## **11.4 Other Business**

### **11.4.1 IEEE Nanotechnology Council Liaison:**

- The NPSS hereby creates a liaison position to the IEEE Nanotechnology Council (NTC).



- The liaison, appointed by the NPSS President, will sunset in two years, if not explicitly renewed.
- The liaison will be tasked with exploring and making connections between the technical communities of NPSS and NTC, and annually reporting via metrics including cross-attendance of conferences, cross-publication, and similar.
- Financial Impact: typical travel costs for a liaison to attend 1-2 meetings of the NTC per year, \$2,000-\$3,000 per year, plus travel costs to report at one AdCom meeting per year of about \$1,000-\$1,500.

The motion carried with 21 Y 0 N, and 0 A.

**June 29, 2019**

## **10.0 Unfinished Business and Business Conducted Between AdCom Meetings**

### **11.0 New Business**

#### **11.1 Actions Arising from Technical Committee Reports**

##### ***11.1.1 10 ps Challenge:***

NMISC and RISC move that AdCom on behalf of NPSS endorse the “10 ps challenge.” Motion passed 22 Y, 0 N, 0 A.

##### ***11.1.2 Fusion Technology Award***

The FTC moves to amend the Fusion Technology award as follows:

Description: To recognize outstanding contributions to research and development in the field of Fusion Technology. Two awards are presented at each biennial Symposium on Fusion Engineering (SOFE), one for each calendar year of the two-year cycle with the first year corresponding to the year between SOFE conferences and the second year corresponding to the year of the SOFE conference at which the presentation is made. On the year between SOFE conferences, the award will be judged on the basis of specific technical achievement, while on the year of the SOFE conference the award will be judged on the basis of career and leadership.

Prize: \$3,000 and a plaque. Each award recipient will have SOFE conference registration fees waived for the conference year in which the award is presented and will be reimbursed reasonable travel expenses for conference attendance upon presentation of a travel report, not to exceed \$1,500.

Funding: The award is funded by the IEEE Nuclear and Plasma Sciences Society and the travel expenses by the SOFE conference at which the presentations are made.

Eligibility: Any person, regardless of nationality or Society affiliation, is eligible for the award, with the exception that no current member of the IEEE/NPSS Standing Committee on Fusion Technology may be considered.

Basis for Judging: The recipient shall be selected for one of two categories as determined by the year on which the award will be granted, in accordance with the Award Description.

- For non-SOFE years, the criteria will be outstanding and innovative technical contributions, within the last 5 years, which are widely recognized and have a major impact in the Fusion Technology Community.
- For SOFE years the criteria will be outstanding and innovative technical leadership in or service to the Fusion Technology Community. The nominee is not required to be a member of IEEE or NPSS but, where candidates have otherwise equal qualifications, preference shall be given to the candidate who is a member of IEEE.

Presentation: By the Chairperson of the IEEE/NPSS Standing Committee on Fusion Technology or his/her representative, on behalf of the NPSS, during the Symposium on Fusion Engineering.

The motion was approved: 22 Y, 0 N, 0 A

### ***11.1.3 Approve revised PSAC C&BL***

It is moved that AdCom approve the PSAC ExCom Constitution and Bylaws as revised 23 June 2019. Motion carried 22 Y, 0 N, 0 A.

### ***11.1.4 Guenther Award***

The PPST Committee moves that AdCom approves raising the award for the Arthur Guenther Outstanding Pulsed Power Student award from \$1000 to \$2000. This was postponed by motion until the November AdCom meeting. 14 Y, 8 N, 0 A

## **11.2 Actions Arising from Functional Committee Reports**

### **11.2.1 Motions from the Finance Committee**

#### **11,2,1,1 FinCom endorses approval of the following initiatives and initiative priorities for 2020**

1. Instrumentation Schools - 30k
  2. Student support initiative - 2k
  3. APL-SEESAW - 40k
  4. WIE at Instrumentation Schools - 7.5k
  5. WIE Travel - 3k
  - 6 Indigenous Energy and Foods - 50k
  7. IEEE Smart Village, WHEELS Global Foundation (IIT), Government of Gujarat State collaboration - 150k
  8. Early Career Travel Grants - 30k
- The motion carried 20 Y, 0 N, 2 A

#### **11.2.1.2 2020 Budget Approval**

AdCom approves the 2020 budget as submitted by the Treasurer and endorsed by FinCom. 22 Y, 0 N, 0 A

#### **11.2.1.3 2019 Schools Funding**

AdCom approves the 2019 Instrumentation Schools: Total \$23k. See Appendix 11.2.1 for detail. Approved 20 Y, 0 N, 2 A.

**November 2, 2019**

**10.0 Unfinished Business and Business Conducted Between Meetings**

**10.1 Approval of Fellow Evaluation Committee Chair:**

AdCom approved by E-mail vote, the appointment of Alberto Del Guerra as the 2020-2021 Fellow Evaluation Committee chair.

**11.0 New Business**

**11.1 Actions Arising from Standing Technical Committee Reports**

**11.1.1 Motion to Rescind March 9, 2019 Motion re: ANIMMA;**

The Transnational Committee and the Radiation Instrumentation Steering Committee jointly move to rescind Motion 11.1.4.

The Transnational Committee moves that ANIMMA become a financially sponsored conference of NPSS starting in 2021” presented at AdCom meeting on March 9, 2019 in Nashville, by TNC Chair, Christian Bohm and passed.

The motion carried 18 Y, 0N, 0A.

**11.1.2 Motion to Technically Cosponsor 2021 ANIMMA:**

The Radiation Instrumentation Steering Committee moves that ANIMMA is a technically co-sponsored conference of NPSS for the 2021 edition. Motion carried 19Y, 0N, 0A.

**11.1.3 2021 ANIMMA Fees:**

The Radiation Instrumentation Steering Committee moves that NPSS will pay the required administrative fee for the 2021 ANIMMA conference. The motion carried: 19Y, 0N, 0A.

**11.1.4 Pulsed Power Committee Guenther Award:**

PPST moves that the value of the Guenther Award be increased from \$1,000, to \$2,000. The motion carried: 19Y, 0N, 0A.

**11.1.5 PET-SPECT MR Technical Cosponsorship:**

The Nuclear Medical and Imaging Council (NMISC) moves that PET/SPECT/MR be an NPSS technically cosponsored conference for the 2020 edition. The motion carried: 19Y, 0N,) A.

**11.1.6 2020 PSMR Administrative Fee:**

NMISC moves that NPSS pay the technical co-sponsorship administrative fee for the 2020 PET/SPECT/MR conference. The motion carried: 19Y, 0N, 0A.

## **11.2 Motions from Functional Committees:**

### **11.2.1 Motions from FinCom**

#### 11.2.1.1 AdCom Attendance at Conferences:

FinCom moves that all NPSS financially sponsored conferences with AdCom meetings permit free conference technical session attendance for AdCom members only for the day preceding the AdCom meeting.

The motion carried: 18Y, 1N, 0A.

#### 11.2.1.2 NPSS Graduate Student Award:

FinCom endorses and AdCom approves an increase in the award amount of the NPSS Graduate Scholarship Award to \$2,000. The motion carried: 19Y, 0N, 0A.

#### 11.2.1.3 Support of Budget Tool:

FinCom requests AdCom to approve \$20k in 2020 for Budget Tool maintenance:

Motion Carries: 19Y, 0N, 0A.

### **11.2.2 TC Awards:**

Stefan Ritt moved and Steve Meikle seconded that funding for TC awards presented at conferences be moved back into conference budgets. The motion carried: 17Y, 2N, 0A.

## **11.3 Actions Arising from Liaison Reports:**

None.

## **11.4 Other New Business:**

### **11.4.1 Carbon Footprint Reduction:**

Discussion on Carbon Footprint Reduction was initiated by Steve Meikle. This will be considered at the retreat and future meetings.

**March 7, 2020**

**10.0 Unfinished Business and Business Conducted Between AdCom Meetings**

None.

**11.0 New Business**

**11.1 Actions Arising from Standing Technical Committee Reports**

**11.1.1 RADECS Fee**

AdCom approves that NPSS will cover the \$1,000 Administrative Fee for the Technical Co-sponsorship of RADECS 2020. Motion from Radiation Effects. Approved (23Y, 0N, 0A)

**11.1.2 Igor Alexeff Student Award**

The PSAC ExCom moves that the NPSS AdCom approve an increase in the amount of the Igor Alexeff Outstanding Student in Plasma Science Award from \$1000 to \$2000. Approved (24Y, 0N, 0A).

**11.2 Motions Arising from Functional Committee Reports**

**11.2.1 Motions from FinCom**

**11.2.1.1 AdCom approves changes to the NPSS Reimbursement Policy**

Approved (22Y, 0N, 0A).

“IEEE travel policies must be followed unless NPSS rules are more stringent (Ref. IEEE Finance Operations Manual). Travelers shall book only the most economical airfare, i.e., non-refundable, economy-class, coach-fare tickets, well in advance (IEEE Policy). For travel with flying time in excess of 8 hours, travelers may purchase upgradable coach class airfares (NPSS Policy). The IEEE President may, in advance, grant permission for business class travel for medical reasons (IEEE Policy).

**Reimbursements of expenses shall be requested using IEEE Concur.**

NPSS responsibility for travel reimbursement for AdCom members is limited to travel to the three AdCom meetings. NPSS also provides funding for Functional Committee Chairs, Liaison members and editors in chief travel associated with their AdCom positions.

Although it is expected that elected AdCom members and TC Chairs generally have funding for travel to AdCom meetings from their employers, NPSS travel reimbursement will be provided **only** if necessary.

Technical Committee Chairs and Technical Committee elected members are not funded by NPSS for travel support to TC meetings or conferences. Any travel for TC Chairs or elected members to TC meetings or conferences must come from the conference budget, after authorization by the TC Chair.

IEEE travel policies must be followed unless NPSS rules are more stringent (Ref. IEEE Finance Operations Manual). Travelers shall book only the most economical airfare, i.e., non-refundable, economy-class, coach-fare tickets, well in advance (IEEE Policy). For travel with flying time in excess of 8 hours, travelers may purchase upgradable coach class airfares (NPSS Policy). The IEEE President may, in advance, grant permission for business class travel for medical reasons (IEEE Policy).

**Reimbursements of expenses shall be requested using IEEE Concur.**

**Voting AdCom members and NPSS officers, Functional Committee chairs, Liaison members and EICs who wish to request travel support in excess of the \$4500 budgeted for AdCom meetings each year and Liaison members who wish to request funding beyond the \$1500 budgeted for one AdCom attendance must provide the NPSS Treasurer at the last AdCom meeting of the year, a budget and rationale for the requested excess expense.** Liaison members and EICs who need travel support beyond AdCom meetings related to their positions, shall, at the last AdCom meeting of the year, provide the NPSS Treasurer with a detailed budget of what support they will need the following year. It is understood that in November of the year previous to travel, the submitted budget is based upon nominal travel expenses at that time. Liaison members of AdCom are funded by NPSS to attend one AdCom meeting each year, **coordinated with the NPSS President, who may make exceptions as deemed necessary.**

The NPSS President reviews and approves expenses identified in the previous paragraph as he/she sees appropriate and has the discretion to provide travel support beyond this funding profile as is appropriate.

#### ***11.2.1.2 Budget Tool Support***

AdCom approves inclusion of budget tool maintenance in its 2021 Operations Budget at a level of \$30k for that year. Approved (24Y, 0N, 0A).

#### ***11.2.1.3 NCRP Support***

AdCom approves a further five years of support at \$5k/year for the National Council on Radiation Protection (NCRP). Approved (24Y, 0N, 0A).

#### ***11.2.1.4 Gujarat Program Makeup Funds***

AdCom approves adding \$35.5k of 2020 initiative funding to ISV/WHEELS Gujarat, India Program initial request. Approved (19Y, 0N, 5A).

**Motions 11.2.1.5 to 11.2.1.7 were withdrawn from consideration.**

#### ***11.2.1.8 Journal Visibility Enhancement***

AdCom approves \$75k of 2020 initiative funding for Journal Visibility Enhancement: Approved (24Y, 0N, 0A).

### **11.2.2 Change in TNS Scope**

From the Publications Committee

The NPSS AdCom approves modifying the official scope of the IEEE Transactions on Nuclear Science to the following:

The scope of the IEEE Transactions on Nuclear Science includes theory, **technology**, and application areas related to nuclear science and engineering. It focuses on instrumentation for the detection and measurement of ionizing radiation; **materials (including their preparation and characterization) for the detection of ionizing radiation; industrial radiation imaging**; particle accelerators and their controls; effects of radiation on materials, components, and systems; reactor instrumentation and controls; measurement of radiation in space **and terrestrial environments; and computing applications related to nuclear science. Tutorial and review papers that cover the above subjects will also be considered.**

Suggested additions appear in red above. Approved (24Y, 0N, 0A).

### **11.2.3 Approval of Nominations Committee:**

AdCom approves the NPSS Nominations Committee consisting of the eight TC Chairs, the TNC Chair and the NPSS Nominations Committee Chair. (Approved (23Y, 0N, 0A).

### **11.3 Motions Arising from Liaison Reports:**

None



**July 10-11, 2020**

**10.0 Unfinished Business and Business Conducted Between AdCom Meetings**

None

**11.0 New Business**

None

**11.1 Motions from Technical Committees**

**11.1.1 Sponsorship of 2021 SORMA West**

With reference to motion n. 11.1.1 (Motion to sponsor SORMA West, "SORMA West 2020 Full Sponsorship: The RISC committee moves that NPSS sponsors SORMA West 2020"), approved by NPSS AdCom on July 21st, 2018, the Radiation Instrumentation Steering Committee moves that 2021 IEEE SORMA West (rescheduled from 2020 IEEE SORMA West due to COVID19 pandemic), be a fully sponsored conference of NPSS. Approved: 19 Y, 2 A, 0 N

**11.1.2 SCINT 2021**

The Radiation Instrumentation Steering Committee moves that SCINT 2021 that will be held in Santa Fe, NM become a Technically Co-Sponsored conference of NPSS under the auspices of the Radiation Instrumentation Technical Committee. Approved: 21 Y 1 A, 0 N.

**11.1.3 SCINT 2021 Administration Fee**

The Radiation Instrumentation Steering Committee moves that NPSS will pay the required administrative fees for the 2021 SCINT conference of \$1,450. 22 Y 0 A, 0 N.

**11.2 Motions from Functional Committees**

**11.2.1 Approval of Initiative Rankings**

NPSS FinCom (expanded) recommends approval of the attached ranking (See Appendix 8.7 for rankings) for budgeting available 2021 initiative funding, drawing a line at the limit of available funding. Approved: 20 Y, 1 A, 1 N.

**11.2.2 Use of Remaining 2020 Initiative Funds**

NPSS FinCom (expanded) recommends approval of the use of the remaining \$137k of budgeted 2020 initiative funds for NSREC Publicity & Communication Initiative (\$15k) and Aravalli Six Village Project (\$122k). Approved: 18 Y, 1 N, 3 A.

**11.2.3 Remaining Funds for Aravalli Project**

NPSS FinCom (expanded) recommends approval of the use of \$33k of the \$350k of the 50% of 2019 Operational Surplus funds to make the Aravalli Six Village Project whole to the requested \$150k with this \$28k. Approved: 15 Y, 3 N. 4 A.