



MINUTES OF THE 2018 IEEE NUCLEAR AND PLASMA SCIENCES SOCIETY (NPSS) NUCLEAR
MEDICAL AND IMAGING SCIENCES COUNCIL (NMISC) TELE CONFERENCE

DATE: THURSDAY, MAY 18^T, 2018, 6:00-8:00

LOCATION: SEOUL, KOREA

Voting Members:

Executive

Jae Sung Lee (Chair)

Roger Fulton (Vice Chair)

Paul Marsden (Past Chair; 2019 NSS-MIC General Chair, Awards-Fellows Sub-Committee Chair)

Term ending 2018:

Roger Fulton

William F. Jones

Emilie Roncali (NMISC Secretary)

Seiichi Yamamoto

Term ending 2019:

Dimitra Darambara (2019 MIC Chair)

Cristina Lois

Charalampos (Harry) Tsoumpas

Larry Zeng

Glenn Wells

Term ending 2020:

Kira Grogg

Mathieu Hatt



Nicolas Karakatsanis

Andre Kyme

Christopher Lerche

Non Voting Members:

Steve Meikle (Adcom representative, 2018 MIC chair)

Vesna Sossi (Adcom representative)

Stefan Ritt (NPSS chair)

Lorenzo Fabris (RISC chair)

Alberto del Guerra (JOS Chair)

Gianfranco Dalla Betta (JOS Vice-Chair)

Richard Lanza (JOS Immediate past-Chair)

Merry Keyser (Valentin T. Jordanov Award Committee Chair)

1. Introduction and roll call.
2. Review and adoption of agenda. Unanimously accepted.
3. Approval of minutes from Annual Meeting 10/27/2017. Unanimously accepted.
4. Member roster & Chair's report to NMISC. Delivered by Jae Sung Lee.
 - 4.1. Reviewed member roster and positions. Welcome newly elected members (term started January 1st, 2018): Kira Grogg, Mathieu Hatt, Nicolas Karakatsanis, Andrew Kyme, Christoph Lerche.
 - 4.2. Reviewed organizational structure of NPSS (RISC, NMISC, JOS, JES plus other technical committees). Described NMISC website and reviewed list of NMISC executive officers. Emphasized the role of new members, and how-discussed how to engage new members to volunteer.
 - 4.3. Reviewed subcommittees:
 - Sub-committee chaired by Jae Sung Lee (NMISC vice chair) to perform 5-year review of by-laws.
 - Sub-committee chaired by Cristina Lois to develop procedure to resolve election ties. Larry Zeng to help.
 - Sub-committee chaired by Dimitra Darambara to discuss the role of RSTD in future conferences.
 - 4.4. Gave a brief introduction-tribute to Dr. Christopher J. Thompson, who passed away in December 2017. NPSS Student paper award will be renamed after Chris Thompson. NMISC and NPSS AdCom approved it; Chris's family approved the use of his name for the student award. Naming is under review by the Technical Activities Board (TAB) Awards Committee.
 - 4.5. New mid-career award from 2019: Medical Imaging Technical Achievement Award



- Single annual award (US\$2,000, a plaque), to fill the gap between Hoffman and Hasegawa
- 8 - 25 years after obtaining the highest degree
- NMISC approved the new award. To be presented for vote at July AdCom meeting and at August TAB Award Committee. Final approval from TAB meeting at November (for 2019 awards call)

4.6. Distinguished lecturers

- Alberto Del Guerra is current DL
- Richard Carson (Yale) accepted the DL role (David Townsend stepped down)
 - Quantitative strategies for PET Imaging: challenges and opportunities
 - PET Imaging in oncology: novel methods and algorithms
- Should we have more? RISC has 8 distinguished lecturers

5. Secretary's report. Delivered by Emilie Roncali

- Reminded members the role of the secretary's report: Informing and/or reminding NMISC members of motions that occurred throughout the year. No non-routine motion this year.
- Reminded members that the secretary position is now appointed by chairperson for 2 years, starting in an alternating year as the new chair. Emilie Roncali will assume that role from 1/1/17 to 12/31/18.

6. Status of 2018 NMISC election of new members. Delivered by Emilie Roncali.

There are five positions to fill, and eight candidates needed to satisfy the 1.5 x positions candidate rule. This year there are 10 candidates to the election which will happen in August. Applications were both spontaneous or nominations.

7. Sub-committee reports.

7.1. Awards-Fellows Sub-Committee. Delivered by Paul Marsden. Advertising now (jointly with RISC)

- Deadline for acceptance of nominations: July 15, 2018
- Aim to get 4-6 nominations for each award each year
- Already have some requests to re-nominate from last year
- Assemble committee (6 each) by end of July for result in mid-Sept
- Awards will be presented in Sydney

7.2. Jordanov Award Report. Delivered by Emilie Roncali on behalf of Merry Keyser, Chair of Jordanov Award Committee.

- As of May 16, 2018, 68 applicants have begun the process. Only 34 applicants have completely submitted their application. (If you have students who have not completed their application please encourage them to do so before the May 30 deadline). 3 advisors have already submitted their recommendations. (Don't forget – these must be completed by June 13).

8. Report on NPSS AdCom activities. Delivered by Steve Meikle.



- 2018 Meetings: Santa Fe, NM, 9th and 10th March 2018 (annual retreat); Waikoloa Village, HI, 21st July 2018; Sydney, Australia, 10th November 2018 (3 meetings/year). It represents 8 technical committees (TCs). NMISC members are Steve Meikle and Vesna Sossi.
- Treasurer's report. Reported a 2017 loss of \$317k.
 - 2018 budget is approved. Net loss of \$181k is planned for 2018, mainly due to increased committee costs
 - New process initiated for funding future conference expenses (e.g. site visits) out of IEEE loan instead of out of current/old conference budget; allows to close out conferences quicker
 - Initiatives: each year NPSS can use 50% of previous year's operating surplus on initiatives, other 50% goes into reserves which we can't touch
- President's report. Requested to put code of conduct statement on conference web site and show slide during conference opening. Highlighted publication piracy occurring through Sci-Hub.
- GDPR will come into effect on 25 May. GDPR is a regulation in EU law on data protection and privacy for all individuals within the European Union. The GDPR aims primarily to give control to citizens and residents over their personal data. Will affect conference

9. Society sponsored journals. Presentation delivered by Dimitris Visvikis.

- 3 issues published in 2018. First special issue on "Plasma Medicine and Cancer Treatment"
- Average time from submission to first decision: 54 days. 100% decision on papers within 90 days from submission. Acceptance rates: 54%
- 3 review articles planned for 2018; 1 conference special issue (PSMR18)
- 3 thematic special issues (Machine learning in radiation based medical sciences, Computational phantoms, Brain imaging)

10. Joint Oversight Sub-Committee (JOS). Delivered by Emilie Roncali on behalf of Alberto DelGuerra.

- JOS meeting (16 February 2018), based on the JES recommendation decided to include KYOTO, for a total of 4 sites to be visited: Kyoto, Vancouver, Calgary, Chiba
- Detailed report on these visits is almost complete. A TCON of the JOS is scheduled for 1 June 2018 to discuss the ranking of the 4 sites. A decision by the JOS is expected early June 2018.
- Site for NSS/MIC 2022: interest from Greece, Germany, Denmark, Italy, Ireland, France, Turkey and Switzerland. The deadline for submitting a proposal has been fixed to 30 September.

15. Conferences

2018 /MIC – Sydney Delivered by Steve Meikle.



- MIC will run from Wednesday to Saturday (14-17 Nov 2018). All joint sessions on Tuesday. 5 plenary sessions, including 2 keynotes, awards session, Chris Thompson tribute and a closing highlights/panel session. 2 parallel tracks for orals, 18 minute talks (same as NSS & RTSD); 3 poster sessions; Two keynote speakers confirmed
- MIC dinner venue confirmed – Luna Park, Sydney
- Abstracts closed 9 May; ~1400 submissions. Reviewer assignment completed by 22 May. Authors notified 30 June

2019 NSS/MIC – Manchester. Delivered by Paul Marsden.

- Gave an overview of committee members
- Program preparation and discussions for parallel tracks are ongoing. New this year: Trial (10-20?) electronic posters – poster+ session? Competition on use of the medium.
- RTSD Symposium will be included – Chairs will ensure compliance with review process.

2020 NSS/MIC – Boston. Delivered by Emilie Roncali on behalf of Lorenzo Fabris

- The chosen conference site is the Boston Westin Seaport Hotel and Convention and Exhibition Center.
- Hotel and BCEC under contract; the team is being assembled. Jason Hayward (UTK) accepted to work as treasurer, with Ron/Ralf as acting treasurers.
- Sara Pozzi (University of Michigan) NSS Chair
- Georges El Fakhri (Harvard, Boston) MIC Chair
- Deciding whether to use traditional app or EventClassmobile interface.

10. AOB Jae Sung Lee

Presentations will be posted on basecamp upon agreement of the presenters. It will be useful for members who could not attend the T con.