IEEE SPS SPCOM-TC Meeting at ICASSP 2017

Hilton New Orleans, Camp Room, U.S.A.
March 6, 2017
5pm-6:30pm
Agenda

• Call to order. Welcome from the chair (Wei Yu)
• Approval of the agenda
• Approval of minutes from the meeting at ICASSP 2016 (encl. 1, vote)
• Chair's report (encl. 2, for information)
• Update from SPAWC 2017 (Wei Yu)
• Update from SPAWC 2018 (Athina Petropulu)
• Policies and procedures revision (encl. 3, vote)
• Discussion of Potential Proposals for SPAWC 2019 (encl. 4, 5, 6, for info.)
  • Georgia Tech. (Geoffrey Ye Li)
  • Indian Institute of Science (Bhaskar Rao)
  • EUROCOM (Laura Cottatellucci)
• Electronic voting, SP Video, etc (Erik Larsson)
Approval of Agenda (vote)
Approval of Minutes of the TC Meeting from ICASSP 2016 (vote)
Chair’s Report - Membership

• At the end of 2016, the following 10 members retired from service:
  • Chong-Yung Chi, David Love, Matthew McKay, Ahmed Sadek, Milica Stojanovic, Weifeng Su, Cihan Tepedelenlioglu, Wolfgang Utschick, Sergiy Vorobyov, Pengfei Xia

• In 2017 the following 10 new elected members started their service:
  • Tony Quek, Bruno Clerckx, Emil Björnson, Christoph Studer, Laura Cottatellucci, Osvaldo Simeone, Mingyi Hong, Vasanth Raghavan, Byonghyo Shim, Tareq Al-Naffouri.

• Following members were re-elected for a second three-year term:
  • Biao Chen, Chandra Murthy, Mathini Sellathurai, Philippe Ciblat, Shi Jin, Feifei Gao.

• Diversity metric:
  • 5 female members, 2 industry members.
  • 12 North America, 9 Europe, 1 Middle East, 8 Asia Pacific
Chair’s Report - Subcommittees

• Nominations and elections subcommittee:
  • Joakim Jalden (chair), Min Dong, Wei Zhang

• Awards subcommittee:
  • Erik Larsson (chair), Wei Yu, Biao Chen, Urbashi Mitra

• Marconi award subcommittee:
  • Rui Zhang (chair), Bruno Clerckx, Yindi Jing, Shi Jin

• Industry/government subcommittee:
  • Eleftherios Karipidis (chair), Raghavan Vasanth

• Newsletter subcommittee:
  • Chandra Murthy (chair), and Waheed U. Bajwa (IEEE SPS visibility representative)

• Education subcommittee:
  • Markku Juntti (chair), Christopher Studer, Emil Björnson

• Geographical representatives:
  • Michael Rabbat (Canada), Phillipe Ciblat (Europe), Tony Quek (AsiaPacific), Christoph Studer (USA)
TC Representations on IEEE Boards

- IEEE SPS Technical Directions board (W. Yu)
- IEEE SPS Awards Board (U. Mitra and E. G. Larsson)
- Editor-in-Chief of IEEE Wireless Comm. Letters (W. Zhang)
Chair’s Report – Award Winners

• **IEEE SIGNAL PROCESSING SOCIETY TECHNICAL ACHIEVEMENT AWARD**
  • Bhaskar D. Rao, "for fundamental contributions to array processing and sparsity-based signal processing."

• **IEEE SIGNAL PROCESSING SOCIETY BEST PAPER AWARD**

• **IEEE SIGNAL PROCESSING LETTERS BEST PAPER AWARD**

• **IEEE FELLOW Class of 2016 among current TC members:**
  • Wing-Kin Ma, Rui Zhang
Chair’s Report – Award Nominations

• 2016 IEEE SPS Best Paper Award

• 2016 IEEE SPS Young Author Best Paper Award

• IEEE SPS Distinguished Lecturer
  • Athina Petropulu, successful
Chair’s Report – Award Nominations

• 2016 IEEE SPS Technical Achievement Award: Zhi-Quan (Tom) Luo, not successful
• 2016 IEEE SPS Society Award: Georgios B. Giannakis, not successful
• 2016 IEEE SPS Industrial Leader Award: John M. Cioffi, not successful
• 2016 IEEE SPS Magazine Best Column Award: “Optimal Multiuser Transmit Beamforming: A Difficult Problem with a Simple Solution Structure” by Emil Björnson, Mats Bengtsson, and Björn Ottersten, not successful
<table>
<thead>
<tr>
<th>ICASSP 2012 (Kyoto)</th>
<th>115 accepted out of 218 submitted</th>
<th>8.3% of ICASSP</th>
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<tbody>
<tr>
<td>ICASSP 2014 (Florence)</td>
<td>205 accepted out of 387 submitted + 5 SPL papers</td>
<td>11.6% of ICASSP</td>
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<td>ICASSP 2013 (Vancouver)</td>
<td>187 accepted out of 391 submitted + 12 SPL papers</td>
<td>11.0% of ICASSP</td>
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<td>ICASSP 2015 (Brisbane)</td>
<td>75 accepted out of 153 submitted + 14 SPL papers</td>
<td>6.8% of ICASSP</td>
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<td>ICASSP 2016 (Shanghai)</td>
<td>116 accepted out of 240 submitted + 9 SPL papers</td>
<td>9.0% of ICASSP</td>
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<td><strong>ICASSP 2017 (New Orleans)</strong></td>
<td><strong>72 accepted out of 146 submitted + 4 SPL papers</strong></td>
<td><strong>5.8% of ICASSP</strong></td>
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Chair’s Report – SPAWC Statistics

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<tr>
<th>SPAWC</th>
<th>Accepted / Submitted</th>
<th>Attendees</th>
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<tbody>
<tr>
<td>2012 (Cesme, Turkey)</td>
<td>119/171</td>
<td>124</td>
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<td>2013 (Darmstadt, Germany)</td>
<td>158/237</td>
<td>184</td>
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<tr>
<td>2014 (Toronto, Canada)</td>
<td>102/121</td>
<td>132</td>
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<td>2015 (Stockholm, Sweden)</td>
<td>140/207</td>
<td>178</td>
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<td>2016 (Edinburgh, UK)</td>
<td>173/260</td>
<td>210</td>
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<td>2017 (Sapporo, Japan)</td>
<td>100 submissions as of March 6, among which 72 are regular submissions, 28 invited. There are a total of 90 invited papers. Extended Deadline: March 10, 2017</td>
<td>??</td>
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- **Financial results:**
  - 2015: Surplus of $27K out of $68K expenses (28% surplus)
  - 2016: Surplus of £14K out of £67K expenses (17.5% surplus)
Chair’s Report – GlobalSIP Participation

- GlobalSIP 2013: 5 SPCOM symposia out of 18 in total
- GlobalSIP 2014: 6 SPCOM symposia out of 13 in total
- GlobalSIP 2015: 3 symposia (#7, #8, #12) with clear connection to SPCOM
- GlobalSIP 2016:
  - M. Rabbat co-organized a symposium on SP Over Networks
  - Z.-Q. Luo and M. Hong co-organized a symposium on Distributed Information Processing, Optimization and Resource Allocation over Networks
  - M. Juntti co-organized a symposium on Transceivers and SP for 5G and mmWave.
  - SPCOM related symposia on Info Theoretic Security (Schaefer, Boche), Cognitive Radio (Poor)
- GlobalSIP 2017:
  - Z.-Q. Luo and M. Hong are co-organizing a symposium on Distributed Optimization and Resource Allocation over Networks
  - M. Rabbat is co-organizing a symposium on Graph Signal Processing
  - SPCOM related symposium on Full-duplex (Gross)
Chair’s Report – Tasks Ahead

• February 15, 2017:
  • Nominations for the Marconi award (passed, no submission this year)

• May 31, 2017:
  • Nominations for Distinguished Lecturers
  • Responsible: TC chair, Awards subcommittee

• September 1, 2017:
  • Nominations for BPA, YABPA, MBPA, LBPA, OPA, SIPA and TA
  • Responsible: TC past-chair, Awards subcommittee

• November 15, 2017:
  • Vice-Chair and Membership election completed
  • Responsible: Elections and nominations subcommittee

• February 15, 2018:
  • Nominations for the Marconi award
  • Responsible: Marconi subcommittee
Update from SPAWC 2017

- Advanced SPS member registration fee: $550USD ( $225 for students)
- Reception at Sapporo TV Tower. Banquet at Sapporo Park Hotel.
- Accommodations: $100 USD for typical hotels.
- Sponsorship: USD 20,000 from KDDI Foundation and Telecommunications Advancement Foundation

http://www.spawc2017.org
Update from SPAWC 2017

• General Chairs:
  • Yasutaka Ogawa, Wei Yu, Fumiyuki Adachi

• TPC Chairs:
  • Tomoaki Ohtsuki, Lutz Lampe, Wing-Kin (Ken) Ma

• Special Session Chair:
  • Tony Q. S. Quek (16 special sessions planned)

• Plenary Speakers:
  • Ada Poon, Stanford University
  • Harald Hass, University of Edinburgh
  • Gesualdo Scutari, Purdue University
  • Vincent Lau, Hong Kong University of Science and Technologies
  • Yukihiro Okumura, NTT DoCoMo
Update from SPAWC 2018

• Dates, Venue, and Budget:
  • June 25-28, 2018 at Elite Hotel in Kalamata, Greece.
  • Hotel contract signed: 114 € (single) 135 € (double).
  • Registration fees expected to be 300-400 € range (150 € for students).
Approval of Changes in
TC Policies and Procedures (vote)
The TC aims to decide SPAWC two years in advance
Normal procedure is to make decision at ICASSP, but this year’s call-for-proposal was only issued in February. We will vote by email.

Key dates:
- ICASSP 2019: May 12-17, Brighton, UK
- ICC 2019: May 20-24, Shanghai, China
- ISIT 2019: July 7-14, Paris, France

Expression of interests also received for SPAWC 2020 (China) and SPAWC 2021 (India)
Proposal for SPAWC 2019 at Georgia Institute of Technology
Atlanta, USA

Geoffrey (Ye) Li and Xiaoli Ma
Proposal for SPAWC 2019 at Indian Institute of Science (IISc) Bangalore, India

Chandra Murthy and Bhaskar Rao
Proposal for SPAWC 2019 in French Riviera

David Gesbert, Laura Cottatellucci, Florian Kaltenberger
Other Business

• Electronic Voting

• SPCOM video