

IEEE SPS SPCOM-TC Meeting ICASSP 2022

Online meeting, chaired by Osvaldo Simeone (TC Chair)

April 20, 2022

16:00-17:30 (CEST)

Updates to the TC member list

- **New members**

- Domenico Ciunzo, University of Naples “Federico II” (domenico.ciunzo@unina.it)
- Junil Choi, KAIST (junil@kaist.ac.kr)
- Nuria González Prelcic, NC State University (ngprelcic@ncsu.edu)
- Veronica Belmega, ENSEA (belmega@ensea.fr)

- **Re-elected members (for second term)**

- Yonina Eldar
- Ana Isabel Pérez-Neira

- **Exiting members**

- Danijela Cabric
- Markku Juntti
- Joakim Jalden

- **New Vice-Chair**

- Waheed Bajwa, Rutgers (waheed.bajwa@rutgers.edu)

Agenda

- Proposal for SPAWC 2024
 - **Luca Sanguinetti**
- Update for SPAWC 2023
 - **Xin Wang**
- Update for SPAWC 2022
 - **Markku Juntti and Antti Tolli**
- Chair's report
- Discussions

Chair's report

TC membership

- 31 Technical Committee Members, including Chair and Vice-Chair
 - 30 academia and 1 industry
 - 7 female and 24 male
 - 8 North America; 1 South America; 10 Europe; 3 Middle East; 9 Asia and Pacific

ICASSP Statistics

ICASSP 2014 (Florence)	205 accepted out of 387 submitted + 5 SPL papers	11.6% of ICASSP
ICASSP 2015 (Brisbane)	75 accepted out of 153 submitted + 14 SPL papers	6.8% of ICASSP
ICASSP 2016 (Shanghai)	116 accepted out of 240 submitted + 9 SPL papers	9.0% of ICASSP
ICASSP 2017 (New Orleans)	72 accepted out of 146 submitted + 4 SPL papers	5.8% of ICASSP
ICASSP 2018 (Calgary)	80 accepted out of 171 submitted + 4 SPL papers	6.2% of ICASSP
ICASSP 2019 (Brighton)	71 accepted out of 153 submitted + 4 SPL papers	4.1% of ICASSP
ICASSP 2020 (Barcelona)	66 accepted out of 141 submitted + 5 SPL papers	
ICASSP 2021 (Toronto)	52 accepted out of 104 submitted + 2 SPL papers	2.8% of ICASSP
ICASSP 2022 (Singapore)	46 accepted out of 94 submitted + 2 SPL papers	2.4% of ICASSP

SPAWC Statistics

SPAWC 2012 (Cesme, Turkey)	119 accepted out of 171 submitted	124 attendees
SPAWC 2013 (Darmstadt, Germany)	158 accepted out of 237 submitted	184 attendees
SPAWC 2014 (Toronto, Canada)	102 accepted out of 121 submitted	132 attendees
SPAWC 2015 (Stockholm, Sweden)	140 accepted out of 207 submitted	178 attendees
SPAWC 2016 (Edinburgh, UK)	173 accepted out of 260 submitted	210 attendees
SPAWC 2017 (Sapporo, Japan)	178 accepted out of 256 submitted	268 attendees
SPAWC 2018 (Kalamata, Greece)	152 accepted out of 281 submitted	250 attendees
SPAWC 2019 (Cannes, France)	107 accepted out of 245 submitted	237 attendees
SPAWC 2020 (Atlanta, USA)	138 accepted out of 185 submitted	308 attendees
SPAWC 2021 (Lucca, Italy)	126 accepted out of 164 submitted (84 invited, all accepted)	152 registered

Award Nominations

- IEEE SPS Best Paper Award:
 - *Liu L, Yu W. Massive connectivity with massive MIMO—Part I: Device activity detection and channel estimation. IEEE Transactions on Signal Processing. 2018 Mar 23;66(11):2933-46. (successful)*
- IEEE SPS Young Author Best Paper Award:
 - *Shen K, Yu W. Fractional programming for communication systems—Part I: Power control and beamforming. IEEE Transactions on Signal Processing. 2018 Mar 12;66(10):2616-30. (successful)*
- Sustained Impact Award:
 - *Chan YT, Ho KC. A simple and efficient estimator for hyperbolic location. IEEE Transactions on signal processing. 1994 Aug;42(8):1905-15. (not successful)*
- IEEE SPS Early Career Technical Achievement Award
 - *Gonzalo Mateos (successful)*
- IEEE SPS Signal Processing Magazine Best Paper Award
 - *Stefano Fortunati, Fulvio Gini, Maria S. Greco, Christ D. Richmond, “Performance bounds for parameter estimation under misspecified models: Fundamental findings and application”, IEEE Signal Processing Magazine, Volume: 34, Issue: 6, Nov. 2017 (not successful)*

Upcoming schedule for 2022-2023

- SPAWC 2022 – July 4-6, 2022
- Distinguished Industry Lecturer and Distinguished Lecturer – June 1, 2022 (internal May 10, 2022)
- Best paper awards – September 1
 - Process starts in June
- Membership elections – Mid November (**Please nominate**)
- ICASSP 2023 reviews – November, December
- SPAWC 2023 reviews – Spring 2023

Paper award process

- For BPA and YABPA scan review work will commence shortly:
 - Awards subcommittee creates initial list of candidate papers
 - Scan review around 10 papers: yes/ no + justification if yes (by end of June)
 - Anonymous award-level reviews
 - Multiple rounds of voting by TC members (August)
- Take some time to browse - signalprocessingsociety.org/get-involved/awards-submit-award-nomination
 - TC can nominate for all awards, and suggestions are appreciated

Membership election

- 15 open positions to start for 2023
 - At most 5 sitting members can be re-elected
- 9 Members ending their first term
 - Bergel, Chang, Huang, de Lamare, Liu (Lingja), Liu (Ya-Feng), Morales, Zhang, Zou
- Members ending their second term
 - Al-Naffouri, Bjornson, Cottatellucci, Hong, Quek, Sanguinetti, Studer

Formation of sub-committees

- Nominations and elections subcommittee:
 - Osvaldo Simeone (chair), Meixia Tao, Hugo Tullberg
- Awards subcommittee:
 - Osvaldo Simeone, Waheed Bajwa, Luca Sanguinetti
- Education subcommittee:
 - Emil Bjornson, Christoph Studer
- Revision of Bylaws and Policies?

Discussions

- How do we arrest the decline in our paper submission to the TC within ICASSP?
- How do we increase the number of industry people within our TC?