

Sensory Systems Technical Committee (SSTC) of the IEEE

Circuits and Systems Society

Annual Meeting Minutes

ISCAS 2017

Date: Wednesday 31 May 2017

Time: 12:30 – 13:30

Bristol Room, Baltimore Marriott Waterfront, Baltimore, MD, USA

SSTC Officers:

- **Past Chair** - Teresa Serrano-Gotarredona
- **Chair** - Piotr Dudek
- **Chair Elect** - Tim Constandinou
- **Secretary** - Amine Bermak
- **Secretary Elect** - Chen Shoushun

Minutes prepared by the SSTC's secretary Chen Shoushun

1. Approval of Agenda

The Chair, Piotr Dudek welcomed the participants. The agenda was approved unanimously.

2. ISCAS 2018 new process proposals

The Chair, Piotr Dudek invited Sergio Callegari, ISCAS 2018 organising committee member, to report a number of new process related to ISCAS 2018, summarized as follows:

- 1) Author satisfaction survey: all accepted papers (even including rejected ones) will receive a survey to evaluate the quality of review.
- 2) Open access: publish proceedings on IEEExplore a few days before the conference and open to everyone. This targets to improve the visibility of ISCAS and help those people to don't attend ISCAS can also read our papers. After the conference, the papers will be managed by IEEExplore as usual.
- 3) Channels to Journal publications: accepted papers can opt not to publish in ISCAS, but submit to TCAS-II. In case of rejection by TCAS-II later on, the paper can fall back to ISCAS proceedings.
- 4) Change of paper format: 4+1, i.e., 4 pages main body and 1 page dedicated for references.

3. Introduction of Members

The meeting participants briefly introduced themselves. 34 people were present at the meeting including 29 TC current members and 5 prospective members. Members attending the meeting are listed in Appendix A.

4. New members

Members of the committee nominated 5 new potential members and CVs were circulated prior to the meeting. These are potential 5 new members are:

- 1) Maurizio Valle, University of Genova (nominated by Sandro Carrara)
- 2) Fernando Pérez Peña, University of Cádiz (nominated by Alejandro Linares-Barranco)
- 3) Iraklis Anagnostopoulos, Southern Illinois University (nominated by Viktor Gruev)
- 4) Venkat Rangan, Qualcomm (nominated by Pamela Abshire)
- 5) Geoffrey Barrows, Centeye (nominated by Pamela Abshire)

After introduction and consultation within the committee, all new members were approved unanimously.

4. ISCAS 2017 Statistics

The Chair reported that:

- 1) SS Track received 55 (minus 2, redirected to other tracks) submissions (compared to 47 in 2016), 25 papers accepted (47%).
- 2) 21 RCMs participated in the review process. The chair took the opportunity to thank all RCM members for their great effort and help with review assignment, namely: Viktor Brea, Ricardo Carmona Galan, Gert Cauwenberghs, Shoushun Chen, Tobi Delbruck, Ralph Etienne-Cummings, Jorge Fernández Berni, Pantelis Georgiou, Tara Hamilton, Jeremy Hollemann, Man Kay Law, Juan Leñero-Bardallo, Alejandro Linares-Barranco, Shih-Chii Liu, Paula López Martínez, Andrew Mason, Nicola Massari, Nicole McFarlane, Christoph Posch, Themis Prodromakis, Hyunsurk Ryu, Milutin Stanacevic.

The Chair also added the submission statistics of the following subtracks:

- 7.1 Imagers and Vision Sensors - 29 submitted papers
- 7.2 Acoustic Sensing - 0
- 7.3 Chemical, Organic, and MEMS Sensing - 6
- 7.4 Neuromorphic and Bioinspired Sensing - 4
- 7.5 Autonomous and Self-powered Sensors - 3
- 7.6 Other Areas in Sensory Circuits and Systems - 13

He opened the floor for discussion. Pamela Abshire, a committee member and the general Co-chair of ISCAS 2017, shared her view of track re-structure. She highlighted that the sensing theme is not well represented and some contemporary topics and related emerging areas, such as internet of things, could be considered to add into the track. Analysis to the ISCAS submission data could provide insight to make decision.

The chair also reported the process of best paper award, which was as follows:

- 1) The top 5 ranked papers in review (minus conflict-of-interest) were ranked by 15 volunteer best paper judges: Jonne Poikonen, Ibrahim Elfadel, Victor Brea, Nicola Massari, Jim Harkin, Alexantru Serb, Tara Hamilton, Shoshun Chen, Jennifer Hasler, Shih-Chii Liu, Paula López Martínez, Milutin Stanacevic, Wei Tang, Jorge Fernández Berni, Christoph Posch, Nicola Massari
- 2) Each volunteer ranked the papers and the paper with the highest average score was selected.
- 3) The paper with the best “average rank” was selected as the best paper of 2017:

“A 1600 by 1200, 300 mW, 40 fps Multi-Spectral Imager for Near-Infrared Fluorescence Image-Guided Surgery”, Missael Garcia, Mohamed Zayed, Kyoung-mi Park, and Viktor Gruev.

5. SSTC new officers' nomination and vote

Piotr reminded the committee of the need to elect the new officers. The nominations for Amine Bermak as Chair-Elect, and Ricardo Carmona-Galan as Secretary-Elect, were made by the Chair and emailed to the members before the meeting. No other nominations were received. The candidates accepted the nomination and introduced themselves to the committee. After that, they stepped out the room to allow further discussion and a vote, which was unanimous in favour. Therefore, the SSTC officers composition for the period of May 2017 – May 2019 will be:

- Past Chair- Piotr Dudek
- Chair - Tim Constandinou
- Chair Elect - Amine Bermak
- Secretary - Chen Shoushun
- Secretary Elect - Ricardo Carmona-Galan

Piotr added that usually the Chair and Chair-Elect are the co-Chairs for ISCAS Sensory track.

6. New initiatives for 2018

Piotr encouraged the committee members to organize conferences and SSTC will give

the best support. The Chair also encouraged the TC members to volunteer for the Distinguished Lecturer Programme (DLP). In particular, Pamela Abshire, highlighted the Industrial Distinguished Lecturer Program" (iDLP), which aims to educate IEEE members about advanced topics that are of primary importance to the industry, and to the CASS community. In this initiative, leading speakers from industry deliver lectures on such topics around the world through iDLP events organized by IEEE, in the context of IEEE Chapters and conferences.

Piotr also called for RCM volunteers for the upcoming BIOCAS, and Special Sessions, Tutorials for ISCAS 2018.

7. AOB

There was no AoB discussed and the meeting concluded at 2:00pm.

Appendix A: Members who attended the 2017 SSTC meeting.

Name	Affiliation	Email
Amine BERMAK	HKUST	eebermak@ust.hk
Viktor GRUEV	Univ. of Illinois at Urbana-Champaign	vgruev@illinois.edu
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Juan Antonio Lenero-Bardallo	Univ. of Cadiz	juanantonio.lenero@uca.es
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