

Minutes of the Biomedical Circuits and Systems (BioCAS) technical committee annual meeting, May 29th 2007

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1 Attendees

| | | |
|-------------------------|--------------------------------|-----------------------|
| Tor S. Lande | bassen@ifi.uio.no | |
| Maysam Ghovanloo | mghovan@ncsu.edu | |
| Rahul Sarpeshkar | rahuls@mit.edu | nominated by Orly |
| Ralph Etienne-Cummings | retienne@jhu.edu | |
| Rizwan Bashirullah | rizwan@tec.ufl.edu | |
| Robert Rieger | rrieger@mail.nsysu.edu.tw | nominated by Pedro |
| Georges Gielen | gielen@esat.kuleuven.be | |
| Chua-Chin Wang | ccwang@ee.nsysu.edu.tw | nominated by Pedro |
| Wai-Chi Fang | wai-chi.fang@jpl.nasa.gov | nominated by Pedro |
| Pedro Julian | pjulian@ieee.org | |
| Milutin Stanacevic | milutin@ece.sunysb.edu | |
| Marc Cohen | mhcohen@umd.edu | |
| Pamela Abshire | pabshire@umd.edu | |
| Shantanu Chakrabartty | shantanu@msu.edu | |
| Andrew Mason | mason@msu.edu | |
| Pedram Mohseni | pedram.mohseni@case.edu | nominated by Pamela |
| Roman Genov | roman@eecg.utoronto.ca | |
| Reid Harrison | harrison@ece.utah.edu | |
| Giacomo Indiveri | giacomo@ethz.ch | |
| Julius Georgiou | julio@ucy.ac.cy | |
| Philipp Häfliger | hafliger@ifi.uio.no | |
| Yehia Massoud | massoud@rice.edu | nominated by Pamela |
| Kahled Salama | kahled.salama@ieee.org | |
| Eugenio Culuriciello | eugenio.culluriciello@yale.edu | |
| Jonathan Tapson | jtapson@gmail.com | |
| Jennifer Blain Christen | blain@jhu.edu | nominated by Andreas |
| Andreas Andreou | andreou@jhu.edu | |
| Pau-Choo (Julia) Chung | pcchung@ee.ncku.edu.tw | nominated by Andreas |
| Orly Yadid-Pecht | oyd@ee.bgu.ac.il | |
| Wouter Serdijn | w.a.serdijn@tudelft.nl | |
| Alexander Fish | fish@atips.ca | nominated by Orly |
| Viktor Öwall | viktor.owall@eit.lth.se | |
| Robert Newcomb | newcomb@eng.umd.edu | |
| Bah Hwee Gwee | ebhgwee@ntu.edu.sg | |
| Joseph S. Chang | ejschang@ntu.edu.sg | |
| Jie Chen | jc65@ualberta.ca | nominated by Joseph |
| Mohamad Sawan | mohamad.sawan@polymtl.ca | |
| Yong Lian | eleliany@nus.edu.sg | |
| Paul Satriadis | pps@jhu.edu | nominated by Robert |
| Ching-Hsing (Robin) Luo | robin@ee.ncku.edu.tw | nominated by Bah Hwee |

2 Agenda

The agenda was approved

3 Elections

- Mohamad Sawan became past chairman
- Yong Lian was promoted from vice chairman to chairman
- Weal Badaway (absent) was promoted from secretary to vice chairman
- 12 new members were elected (marked as 'nominated' in the attendees' list)
- Philipp Häfliger was elected secretary

4 Minutes of the 2006 TC meeting

Last year's minutes were approved.

5 Reports on past events

5.1 IEEE BIOCAS 2006 conference

Tor Sverre Lande reported. The conference was successfully held in London. Some concerns were voiced about quite a large fee for tutorials+conference.

5.2 New journal: IEEE Transactions on Biomedical Circuits and Systems

The first issue of said journal was presented by Tor Sverre Lande. Members were asked to advertise the journal, e.g. in other TCs. It was decided to nominate a selection of ISCAS 2007 papers for publication in one of the next issues. The selection will be subject to vote by the TC members.

5.3 Biotech Council

M. Sawan as the CASS representative in the Biotech Council reported on upcoming events.

5.4 ISCAS 2007

The BioCAS Tracks had 85 submissions and 49 accepted. The numbers are approximately constant since last year.

6 Reports on upcoming events

6.1 ISCAS 2008

The conference will be held in Seattle, USA, May 18-21st. TC members were asked to contribute tutorials and special sessions.

6.2 BioCAS conference 2007

The conference will be held in Montréal, Canada, Nov. 27-30th. The paper deadline is July 2nd.

6.3 BioCAS conference 2008

The location will be in the Baltimore area. Student fees/support were suggested.

6.4 Track structure for ISCAS 2008/ feedback on track structure ISCAS 2007

All BioCAS sessions were well attended and some rooms did not have enough seats for all participants. It is suggested to move BioCAS sessions to big rooms in order to facilitate the large audiences.

The BioMEMS track had a small number of submissions: it was suggested to explicitly include lab-on-chip into that track.

Also the imaging and image processing track had only a small number of submission. M. Sawan advised to wait before taking measures since its an important topic and is expected to take off more in the future. Advertising among imaging people was discussed. Diplomatic bridging to other related TCs (e.g. LISA) and societies (e.g. EMBS) needs to be conducted with sensitivity towards competition issues. The same concern also holds true for the new BioCAS journal, that may compete with other publications on biomedical image processing.

Track 2.2. on wearable, implantable and injectable biomedical electronic devices had a bigger number of submissions, and a splitting of that track was suggested, e.g. by making a track on short range wireless communication.

Another suggestion was to make the tracks of ISCAS and of the IEEE Transactions on BioCAS consistent.

6.5 IEEE/NIH BISTI 2007 - Life Science Systems & Applications Workshop (LISA 2007)

Prof. Jie Chen announced that a workshop, jointly organized by IEEE and NIH, will be held on Nov 8-9th in Bethesda, Maryland, USA. Furthermore a delegation has been assigned the task of strengthening the relation between IEEE CASS and the NIH, with members of the Life Sciences TC and the BioCAS TC. Appointed by BioCAS were: Bob Newcomb, Paul Satriadis, Andreas Andreou, Yong Lian Other IEEE societies that are involved are EMBS and Signal Processing

7 Other business

A merging of TCs BIOCAS and LISA TC was suggested and commented on as a good idea by Ljiljana Trajkovic (president of the CASS), provided that both parties agree.