

# Sensory Systems Technical Committee of the IEEE Circuits and Systems Society

## Annual Meeting Minutes ISCAS 2004

*Date: Monday 24<sup>th</sup> May 2004*

*Time: 19:30 – 22:00*

*Room: Vancouver Room*

*Hotel: Sheraton Wall Vancouver*

**TC Members at the meeting: 24 members including the TC officers.**

*1. Introduction of members and officers of the SSTC:*

Chairman, Orly Yadid-Pecht opened the meeting. We welcomed all TC members and visitors. 24 TC members were present included new TC members. The student visitors were: Matt Clapp (Best Paper Finalist), R. Shi (Best Paper Finalist), and Luca Patane (Best Paper Finalist).

*2. Approval of minutes of 2003 TC meeting in Bangkok, Thailand.*

Minutes from annual meeting of ISCAS 2003 were approved.

*3. New TC member candidates introduced and recruited.*

Eleven new members were added to the TC. Three of them were already confirmed through email. The remaining eight were voted in during the meeting. The new members include:

Name	Affiliation	Research Area	Email
Mattia Frasca	University of Catania, Italy	Bio-Inspired Systems, Locomotion Control	<a href="mailto:mfrasca@diees.unict.it">mfrasca@diees.unict.it</a>
Luigi Fortuna	University of Catania, Italy	Sensory Systems	<a href="mailto:lfortuna@diees.unict.it">lfortuna@diees.unict.it</a>
Tobi Delbruck	ETH Zurich	Neuromorphic Engineering, Vision Sensors	<a href="mailto:tobi@ini.phys.ethz.ch">tobi@ini.phys.ethz.ch</a>
Martin Mintchev	Univ of Calgary, Canada	MEMs, Biomedical Instrumentation	<a href="mailto:mintchev@enel.ucalgary.ca">mintchev@enel.ucalgary.ca</a>
Bernabe Linares-Barranco	Institute of Microelectronics, Sevilla	Mixed Signal Processing	<a href="mailto:bernabe@imse.cnm.es">bernabe@imse.cnm.es</a>
Angel Rodriguez-Vasquez	IMSE-CNM, Sevilla	Vision Systems on Chip	<a href="mailto:angel@imse.cnm.es">angel@imse.cnm.es</a>

Roman Genov	University of Toronto, Canada	Biomedical and Mixed- Signal Processing	<a href="mailto:roman@eecg.toronto.edu">roman@eecg.toronto.edu</a>
Marc Cohen	University of Maryland, U.S.A.	Adaptive Controllers	<a href="mailto:mhcohen@glue.umd.edu">mhcohen@glue.umd.edu</a>
Pamela Abshire	University of Maryland, U.S.A.	Power Tradeoffs in Vision Sensors	<a href="mailto:pabshire@umd.edu">pabshire@umd.edu</a>
Tadashi Shibata	University of Tokyo, Japan	Vision Sensors, Floating gate circuits	<a href="mailto:shibata@ee.t.u-tokyo.ac.jp">shibata@ee.t.u-tokyo.ac.jp</a>
Wai-Chi Fang	JPL CALTECH, U.S.A.	Integrated sensing and processing communication	<a href="mailto:wfang@jpl.nasa.gov">wfang@jpl.nasa.gov</a>

4. *Approval of the 2003 Annual Report.*

The accomplishments for year 5/03 – 5/04 were presented. All items are presented in the attached TC Report.

5. *Award recognition and endorsement*

*-- Distinguished lecturer*

Salvatore Baglio and Orly Yadid-Pecht are Distinguished Lecturers. Andre van Schaik will be voted for a possible Distinguished Lecturer. Both he and Ralph Etienne-Cummings will be doing a lecture tour in Australia on visual and auditory neuromorphic sensors during Aug 15-30, 2004.

*-- Best Paper Award*

No one from our TC won the Society wide Best Paper Awards.

*-- BOG*

Ralph Etienne-Cummings was elected to the BoG last year. Salvatore Baglio will run for BoG and will collect signatures from the TC members.

6. *Voting on new bylaws and new Secretary-Elect*

Chairman Orly Yadid-Pecht suggested that the TC bylaws be updated so that a new position of Secretary-Elect is created so that the work load can be distributed among four people. The membership will vote on the new bylaws through email after they have been updated. Denise Wilson is nominated for the position of Secretary-Elect for the TC. This nomination will be presented after the updated bylaws have been approved.

7. *General review articles.*

General review articles about 3 pages long with enough references are solicited from members of TC. These articles will appear on the web site of IEEE Xplorer.

8. *CAS Newsletter.*

The CAS technical activity committee voted for a general quarterly newsletter. Contributions (30-60 words) consisting of short summaries of technical achievements, important technical results, papers, patents or products are solicited from members. Submissions should be purely

technical and not be a conference type article. The contributions from all TCs will go to the VP of technical activities who will then distribute a combined newsletter to all TCs. The first issue is due in the first 2 weeks of July.

9. *Conferences 2004.*

Conferences for submission of papers. ICECS Dec 13-15, 2004 organized by Orly Yadid-Pecht. John Harris is the invited sessions chair. IEEE Sensors Conference is in late October in Vienna. NIPS is on Dec 14-16, 2004 in Vancouver. Shih-Chii Liu is chairing the Emerging Technologies track; Tobi Delbruck and Tim Horiuchi is chairing the Demonstrations Track.

8. *Improving visibility of SSTC in the CAS community.*

Tobi Delbruck suggested the introduction of a demo session at ISCAS 2005 similar to that at NIPS. After discussions, we decided that we will think about combining a demo session with an invited session.

9. *Special sessions/tutorial for ISCAS 2005.*

It was proposed that Diego Barrentino give a TC tutorial on BioMEMS for ISCAS 2005 together with help from Andrew Mason who gave a tutorial on MEMS at ISCAS 2002.

10. *Special Issue of TCAS or IEEE Sensor Journal for selected papers from ISCAS 2003.*

The possibility of publishing the best papers of ISCAS 2003 in a Special Issue of the IEEE Sensor Journal or TCAS-I as suggested at last year's SSTC meeting was not successful. Ralph Etienne-Cummings discussed this issue with the Deputy Chief Editor of TCAS-I who will look into a possible fast track review process for conference papers. There was no clear answer from TCAS-II. The chairman, Orly Yadid-Pecht will check into the different options.

11. *Increasing membership in CAS Journals.*

Both the chairman, Orly Yadid-Pecht and the past chair, Ralph Etienne-Cummings will inform SSTC members of upcoming vacancies in the editorial board of CAS journals like IEEE Sensor Journal, TVLSI, TCAS-I, and TCAS-II.

12. *Presentation of the Best Paper Award for the SSTC track.*

The Best Paper Award for our track was presented to Leif Lindgren. Tobi Delbruck & Daniel Oberhoff, Qiang Luo & John Harris, Matthew Clapp & Ralph Etienne-Cummings, Rock Shi & Tim Horiuchi, Mattia Frasca, Luca Patane & Luigi Fortuna, were awarded the Best Paper Finalist certificates.

13. *New business.*

We have to look into possibility of getting IEEE Sensors Conf organizers involved with SSTC especially since their interests coincide with that of SSTC members. The chairman, Orly Yadid-Pecht will talk to members of the IEEE Sensors Conference to discuss this issue.

14. *Adjourn*