

Minutes of 2014 Nano-Giga TC Annual Meeting at ISCAS 2014

Time/Date: 12:30~14:00, Wednesday, June 4, 2014.

Place: Room 215 at the Melbourne Convention and Exhibition Center

Acting Chair: Prof. Sorin Cotofana

1. Acting Chair, Prof. Sorin Cotofana, welcomed the attendees of Nano-Giga TC and started the meeting agenda.
2. Make NG-TC activities report.
 - (1) ISCAS 2014 review process in numbers
 - The papers were organized in 82 lecture and 39 poster sessions(48.7% acceptance rate)
 - 17 special sessions were organized
 - (2) ISCAS 2014 – NG-TC,
 - 15 papers accepted: 2 Lectures (10) + 1 Poster (5)
 - 1 Special Session: Giga-Scale System Design Using Emerging Nonvolatile Memories
 - T3: 3D ICs – Challenges & Advantages
 - CAS-FEST: Special sessions and keynotes on memristors

ISCAS Submission	2008	2009	2010	2011	2012	2013	2014
Regular Papers	31	50	77	37	38	27	25(?)
Special Session Papers	0	10	10	0	0	0	4

- (3) Updates on the Member List
 - NG-TC members – 35
 - Active NG-TC members are expected to
 - Attend the TC meeting held every three year at ISCAS
 - Serve as a RCM every two years
 - Submit annual report
 - Participate in TC related activities (RCM, Session Chairs, review, organization of conferences/workshops supported by the TC, serving on editorial boards of the Transactions and Journals ...)
 - Activity is the key issue (No active members no TC!)
3. New Members nomination and approval (2 new TC members).

Approved new TC members are:

 - (1) Dr. Omid Kavehei, Centre for Neural Engineering (CfNE) The University of Melbourne, Australia
 - (2) Dr. Shimeng Yu, Arizona State University, Tempe, AZ, USA
4. TC website: <http://ieee-cas.org/community/technical-committees/nano-giga-tc>
 - (1) Revise Scope and Mission of NG-TC to show our distinction.
 - (2) Secretary is responsible to keep the webpage up to date.

- (3) Put a link to it in your Webpage to increase its visibility.
5. CASS plans on TCs
 - (1) Revise TC bylaws and define uniform policy
 - (2) TC should play a greater role in CASS, e.g., define CAS-FEST topic candidates.
 - (3) TC will be reviewed on a regular base – they are *living statements* thus need periodic confirmation or revision (merge or termination are also possible!)
 - (4) Annual Reports should set out
 - (5) Drop or diminish the AR paper list
6. The NG-TC shall execute outstanding activities to cope with its mission and vision as stated in its bylaw. The following items are the actions.
 - (1) ISCAS 2015: more papers/tutorial/special sessions, and participate ISCAS 2015.
 - Invited CAS-FEST 2014 authors to submit papers to ISCAS 2015
 - (2) Recruit more new members from all regions with nano-electronics profile
 - (3) Technically sponsor conferences
 - NANOARCH 2015 <http://www.nanoarch.org/14/index.html>
 - (4) Increase collaboration w/ other TC
 - The Nano-electronics TC of IEEE Nano Council
 - Approach them to join our TC
 - IEEE NANO Conference <http://ieeenano2014.org/index.htm>
 - Funding sponsorship to this conference
 - (5) Special Section on IEEE
 - (6) Distinguish Lecturer nominations
 - (7) IEEE Fellow endorsements
 - (8) Summer School
 - Beyond 4G communication, by Prof. Jerry Jou, 2014
 - (9) ISCAS 2015 will be held in Lisbon, Portugal, from May 24 to 27, 2015.
7. Annual TC member report (May 2013 to April 2014) contributed by 16 members has been submitted on May 28th. Update is still possible.

End of Meeting.



Group photo at 2014 NG-TC Annual Meeting

Members who attended Nano-Giga TC at ISCAS 2014

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