

TC-CAS Education and Outreach CASEO Annual Report Period:

ISCAS May 2009- ISCAS May 2010

Chairman (May 2009-May 2010): Joos Vandewalle
Secretary(May 2009-May 2010): Tokunbo Ogunfunmi
Webpage: <http://homes.esat.kuleuven.be/~caseo/index.php>

Special Session Organization:
IEEE ISCAS 2010 Co-Organized Special Session for CASEO TC Joos Vandewalle and Tokunbo Ogunfunmi.

Session Chairs:

- Tokunbo Ogunfunmi IEEE ISCAS 2009 Chaired 3 Sessions:
- Tokunbo Ogunfunmi IEEE ISCAS 2010 (To Chair 3 Sessions)
- Joos Vandewalle IEEE ISCAS 2010 Chair 2 sessions

Conferences, Workshops Organized by members

- Track Chair ISCAS 2010: Joos Vandewalle
- Review Work:
- Tokunbo Ogunfunmi Associate Editor, Circuits, Systems and Signal Processing Journal,
- Review Coordinator: Tokunbo Ogunfunmi CASEO TC Track for ISCAS 2010
- Review Committee Members: Tokunbo Ogunfunmi CASCOM TC Track for ISCAS 2010
- Review Coordinator: Tokunbo Ogunfunmi DSP TC Track for ISCAS 2010
- R. Rieger: Associate Editor, IEEE Transactions on Biomedical Circuits & Systems (TBCAS)
- R. Rieger: Review Committee Member BioCAS S2009
- R. Rieger: Review Committee Member ISCAS 2009
- R. Rieger: Technical Committee Member BioCAS 2009
- R. Rieger: Technical Committee Member BioCAS 2010
- R. Rieger: Session Co-chair "Biomedical Circuits and Systems II," ISCAS 2009
- R. Rieger: Reviewer ISCAS 2009 & 2010
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Special Issues in CAS-related Journals edited by Members

J. Vandewalle, L. Trajkovic, S. Theodoridis, Introduction and outline of the special issue on circuits and systems education: experiences, challenges, and views, IEEE Circuits and Systems Magazine, vol.9, no. 1, pp. 27-33, First Quarter 2009

Other Conference Activities:

Tokunbo Ogunfunmi Technical Program Chair: International Conference on Adaptive Science and Technology, (ICAST) Dec. 14-16, 2009 Sponsored by IEEE Region 8 Sections.

Conference Website <http://www.edictech.com/ICAST09/index.html>

Proceedings of ICAST 2009 conference papers are online at IEEE Xplore.

<http://ieeexplore.ieee.org/xpl/tocresult.jsp?reload=true&isnumber=5409687&isYear=2009>

Book Published:

Principles of Speech Coding, by Tokunbo Ogunfunmi and M.J.Narasimha, Taylor and Francis (CRC) Publishers 2010.

<http://www.taylorandfrancis.com/books/details/9780849374289/>

http://www.amazon.com/Principles-Speech-Coding-Tokunbo-Ogunfunmi/dp/0849374286/ref=sr_1_1?ie=UTF8&s=books&qid=1269352350&sr=1-1

Other Professional Activities:

- R. Rieger: Vice Chairman IEEE EMBS Tainan Chapter, 2009-2010
- R. Rieger: Member VSA-TC, BioCAS TC and CASEO TC.
- R. Rieger: Member of the Taiwan Chip Implementation Center (CIC) Peer-Review Committee.
- J. Vandewalle, Student Branch Counciler at K.Universiteit Leuven
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Invited lecture:

R. Rieger, "Interfacing Electronics and the Human Body – Topics in Bio-chip Design," Kaohsiung University of Applied Sciences (KUAS), Taiwan, January

Awards & Honours:

- R. Rieger: Best Scholar Award, National Sun Yat-Sen University, Taiwan, 2010.
- Taiwan Student IC Design Contest 2010, Supervisor of Finalist.
- Patent: Rieger, R.; "Sampling Control System and Method for A/D Converter," Taiwan patent # 095141448, granted April 2010

Contact with IEEE Education Society

- Martin Di Federico is the contact person for CASEO TC with the IEEE Education Society. He informed Rob Reilly, President of the IEEE Education Society about CASEO TC, and plans efforts to coordinate some future actions.
- Action planned to address CAS members that belong to Education society on awards or as a DLP... request a contribution to ISCAS2011 e.g. a Special session

Special Educational Activities

Eduard Alarcon Thursday, May 27, 2010 education-related activities during the past season (mainly introducing the CDIO methodology –MIT, Chalmers) in Electrical Engineering in Spain, and triggering a new course on introduction to EE.

IEEE Appointments:

Tokunbo Ogunfunmi was elected as the 2010 Chair of the IEEE Santa Clara Valley Section PACE committee. Previously, he served as Chair of Signal Processing Society (SPS), Santa Clara Valley Chapter from May 2007 – Dec. 2009.