

# Report MEETING Technical Committee on CAS Education and Outreach CASEO

Tuesday 21 May 2013 at ISCAS in Beijing 13:10-14:15 Hollow Square Room

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## Attendance list CAS Education and Outreach TC

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Name	Affiliation	E-mail address
Babak Ayazifar (secretary) excused	Univ. California, Berkeley, USA	<a href="mailto:ayazifar@eecs.berkeley.edu">ayazifar@eecs.berkeley.edu</a>
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Randy Geiger	Iowa State University	<a href="mailto:rigeiger@iastate.edu">rigeiger@iastate.edu</a>
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### Agenda

0. Introduction of the participants of the meeting
1. Report on the past activities in the period May 2012-May 2013
2. Plans for ISCAS 2014
3. Webpage <http://ieee-cas.org/community/technical-committees/caseo-tc>
4. Status and plans for further action points: CASEO workshop on Thursday May 23 in Beijing.
5. Election of officers for the period May 2013- May 2015.
6. Any other business

### Report

#### 0. Introduction of the participants of the meeting

All participants give a short introduction and stress their points of interest.

#### 1. Report on the past activities in the period May 2010-May 2011

The annual Report was prepared by Tokunbo Ogunfunmi see webpage

**[http://iee-cas.org/wp-content/uploads/2011/11/CASEO\\_Annual\\_Report\\_2012.pdf](http://iee-cas.org/wp-content/uploads/2011/11/CASEO_Annual_Report_2012.pdf)**

The Circuits and Systems Education and Outreach Technical Committee (CASEO TC) focuses on the education and outreach of circuits and systems. The TC shall address the role, the process and the promotion of the education of CAS subjects in electrical engineering education and make initiatives to enhance its quality and attraction worldwide. Special attention is devoted to outreach initiatives that stimulate youngsters to CAS items worldwide, and to the social and ethical role of CAS related topics.

## **2. Plans for ISCAS 2014 Melbourne**

Prof Skellern, General Chair ISCAS 2014, and VP TA solicits contributions for the track, special sessions and other initiatives like hot topics for CASFEST combined with JETCAS special issues. Also contributions from CASEO TC to the conferences that are in the realm of CAS are welcomed.

## **3. Webpage**

The webpage of the TC is has been moved to the CAS Webpage <http://iee-cas.org/community/technical-committees/caseo-tc> by the webmanager of the CAS Society Robyn Pearson [vampandora@gmail.com](mailto:vampandora@gmail.com).

## **4. Status and further plans:**

A one-day CASEO post-ISCAS workshop is organized by Tokunbo Ogunfunmi on Thursday 23 May at the Conference site in Beijing. It is sponsored by the CAS Outreach activity. The theme is:

ReThinking Circuits and Systems Education: Exploring New Pedagogies and Approaches

Program

8:30-9:00am Breakfast (in CNCC Room 202A)

9:00-9:15am (Tokunbo Ogunfunmi, SCU, USA)  
Introductions, Agenda for the Day, Current State of Circuits and Systems Education

9:15-9:30am (Joos Vandewalle, KUL, Belgium)  
New pedagogies for the most basic courses in Circuits and Systems, e.g. Electric Circuits, Linear Systems, Digital Signal Processing, etc.

9:30-10:10am (Josef Nosseck, TUM, Germany)  
Teaching Circuit Theory and Its Relation to System Theory, Signal Processing and Communications

10:10am-10:20am Discussion and Q & A

10:20-10:50am (Ljiliana Trajkovic, SFU, Canada)  
Exploration of the theory of DC Operating Point for Analog Circuit Design

10:50am-11:00am Discussion and Q & A

11:00am-11:15am BREAK (Tea, Coffee and Refreshments)

11:15-11:45am (Magdy Bayoumi, ULL, USA)  
Alternative pedagogies for teaching VLSI Design

11:45-13:00 Q&A and panel discussion

**5. Officer elections for the period May 2013- May 2015:**

Results of the elections:

Tokunbo Ogunfunmi Past Chairman

Babak Ayazifar Chairman

Joos Vandewalle Secretary

**6. Any other business**

No other items were addressed.