

## **Minutes of IEEE/LVS/SSCS/Executive Committee Planning Meeting**

8 September 2016 – 6 PM at Rosanna's Restaurant, Bethlehem, PA

### **In Attendance:**

Richard Booth, Paul Davis, Betty Nelson, Dale Nelson, Robert Peruzzi, Robert Walden.

Secretary Glen Offord was not able to attend. Vice Chair Robert Peruzzi volunteered to take notes and distribute meeting minutes

### **Minutes:**

The minutes of the previous meeting (1 February 2016) were distributed by email and were not reviewed again

### **Treasurer's Report:**

There was no formal report, but Treasurer Dale Nelson said that we have more money than we are spending and can afford to spend more to the benefit of our members or students

### **Plans for future technical meetings:**

- Chair Betty Nelson suggested that we continue the practice of making our choices of distinguished lecturers (DLs), and coordinate with SSCS chapters at Columbia and Rutgers Universities. She has been having an email discussion with the Princeton and Columbia chapter chairs.
- Paul Davis agreed to present at an October technical meeting and talk on Bipolar Integrated Circuits. Paul passed copies of his recent paper around. After some discussion, the possible dates for Paul's talk were narrowed down to October 13 or October 17. Betty will announce the selected date during the week of September 12
- Bob Walden suggested three DLs we might invite, and their topics
  - Shanthi Pavan, "Design Techniques for High Performance Continuous-time Delta Sigma Modulators", or, "Little Known Aspects of Continuous-time Delta Sigma Modulators"
  - Ehsan Afshari, "Novel Circuit Design Techniques Inspired by Physics"
  - Pieter Harpe, "Basics of low-power SAR ADCs", or "Power-efficient, high-resolution and reconfigurable SAR ADCs", or "Ultra low-power analog front-end design"

After the meeting, Bob distributed the three names and their topics, so they'll be correct for the minutes

- Betty said she also has some prospective DLs she has contacted. Her suggested speakers are proposed speakers are Tony Chan Carusone, Dennis Sylvester, and Pavan Hanumola. If any of these are unavailable, she will suggest someone from Bob Walden or Richard Booth's list (below). She said she would prefer one each, digital, analog and RF for our 2016-2017 technical meeting season.
- After the meeting, Webmaster Richard Booth forwarded his suggested DL speakers:
  - Tony Chan Carusone: CMOS Optical Transceiver Circuits from the Backbone to the Backplane (and/or) his other talk on injection-locked oscillators
  - Peter Kinget: scaling talk or whatever else he has!
  - Willy Sansen: transimpedance amplifiers or whatever else he has!
  - Ehsan Afshari (in addition to the physics-inspired one): low phase-noise oscillators.
  - Edith Beigne: FDSOI technology
  - Antonio Licidini: Transforming LC-VCO into Rx Front-end
- We plan to have a technical meeting with a DL during the month of November

**Plans for community interaction:**

- Bob Walden said that the Museum of Industrial History has opened. There was some discussion but no ideas or proposals for what our SSCS chapter can do. After the meeting, Bob forwarded their website: <http://www.nmih.org/>
- After the meeting, Richard Booth forwarded a Morning Call newspaper article about the new head of the museum: <http://www.mcall.com/news/local/bethlehem/mc-bethlehem-industrial-museum-amy-hollander-20150704-story.html> and offered to contact her if we have any proposal for interaction. (Which we presently do not)

**Plans for student interaction:**

- We unanimously agreed to continue supporting the Morton Paper Contest with \$500. Treasurer Dale Nelson will contact LVS Section Treasurer George Beam to make the transfer

**Plans for chapter social event:**

- After Dale's statement that we can afford to spend more from our treasury for the benefit of our members, Peruzzi suggested we could have a chapter holiday party, open to all IEEE/LVS/SSCS members and one guest, free of charge. There are about 22 SSCS members in the chapter. Dale estimated that even if half of them accept the invitation that would mean 22 guests. Dale and Betty offered to host the party at their home. No date was set

**Plans for next planning meeting:**

- Need to meet in early October with this agenda:
  - Decide details of Paul Davis's talk
  - Decide details of DL talk in November
  - Decide holiday party details

Meeting adjourned at 8:00 PM

Respectfully submitted,  
Robert Peruzzi  
Vice Chair, Substitute Secretary