

IEEE Systems Council Coastal Los Angeles Section Chapter 2016 Chapter Activity Report

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Activity Summary

IEEE Distinguished Lecture Series and Seminars

- Dr. Vincenzo Piuri, “Computational Intelligence for Biometric and Industrial Applications”, 12:30 – 2:00pm, 2/9/2016, VEC 325, CSULB
- Dr. Donald Chang, “Orthogonal Beams on Base-Stations for Frequency Reuse,” 11:00 – 1:00, 2/22/2016, VEC 325, CSULB
- Dr. B. Sklar, “Things We Ought to Know About Digital Communications, Part II,” 12:15pm – 2:15pm, 5/2/2016, VEC 325, CSULB
- Dr. B. Sklar, “Things We Ought to Know About Digital Communications, Part III,” 4:30pm – 7:00pm, 11/28/2016, VEC 501, CSULB

The 7th Annual IEEE Green Energy and Systems Conference was held on Nov. 7, 2016, the Pointe of Pyramid, CSULB.

Theme: *Towards Resilient and Sustainable Cyber-Physical Energy and Communication Systems*

- Keynote Speaker: Dr. Merwin Brown, Co-Director, Electric Grid Research, University of California, Title: The Real Reasons We Must Have a Smart Grid for the 21st Century
- Luncheon Speaker: Dr. Mo Jamshidi, ACE Laboratory, the University of Texas, San Antonio, Title: Electricity Grid: From Current to Micro to Smart
- More than 200 attendees, including CSULB Provost, international and local researchers, faculty, students, and professional engineers, participated.
- There were 19 professional papers presented in the Technical Session. A total of 32 full papers were submitted (16 are outside US, 9 Outside CSULB but inside USA, 7 inside CSULB)

Website 2016 (for more detail):

<http://sites.ieee.org/clas-svsc/green-energy/igesc-2016/>

Student Post Session and Competition (A total 11 papers submitted, 9 accepted, 8 presented)

- Eduardo Pardo, Jr., Andrew Dinh and Jonathan Tafel, “Investigation of Oxidizing Graphene Halides for Li/S batteries,” won the 1st Place Award
- Josue Alonso Calderon, “Effect of Electrolytes in the Development of Efficient Lithium-Sulfur Batteries” won the 2nd Place Award
- Quang Ly, “Quantum Mechanics Simulations of Carbon Catalyst,” won the 3rd Place Award

- Megan Lyn Del Rosario, “Adaptive Line Enhancement of Heart Sounds,” won the 4th Place Award

Faculty, Students, and Engineers, from international, such as Canada, Singapore, Taiwan, South Africa, and domestic, such as Cal Poly Pomona, Caltech, UCLA, USC, University of Oviedo, UCI, etc., have being participated the paper presentation/publication and Students paper contest since 2010.

The lasting impact of these efforts on engineering education is very significant. Based on a survey of IGESC attendees conducted by the IEEE CSULB Student Branch, 93% of respondents agreed that the Conference had a positive impact on their career.

Call For Papers

<http://sites.ieee.org/clas-sysc/>

End of Year Party on 12/7/2016 at Claim Jumper, Long Beach.

All activities are co-sponsored by IEEE CSULB Student Branch

*Thanks to all officers, volunteer helpers, and IEEE students for their help on posting flyers and bring food for each meeting.