

IEEE Systems Council Coastal Los Angeles Section Chapter 2015 Chapter Activity Report

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Prepared by Dr. Hen-Geul (Henry) Yeh, Chair, IEEE Systems Council

Activity Summary

IEEE Distinguished Lecture Series and Seminars

- Dr. B. Sklar, “Things We Ought to Known About Digital Communications, Part I,” 12:15pm – 2:15pm, 4/14/2015, VEC 325, CSULB
- Dr. P. Hershey, “System for Local/Regional/Global/Joined Object Recognition,” 12:15pm – 2:15pm, 4/30/2015, VEC 325, CSULB
- Mr. B. Rassa, “Business Case for Systems Engineering: Is Systems Engineering Effective?,” 11:45am – 1:00pm, 5/4/2015, ECS 312, CSULB
- Dr. K. Han, “Adaptive Touch Sampling for Energy-Efficient Mobile Platforms,” 8/24/15, 4:45pm - 5:30pm VEC 325, CSULB
- Mr. J. Redding, “A New Way of Managing the Intermittency of Variable Energy Resources,” 11:00am – 12:30pm, 9/15/2015, ECS 317, CSULB

The 6th Annual IEEE Green Energy and Systems Conference was held on Nov. 9, 2015, the Pointe of Pyramid, CSULB.

Theme: ***Renewable technology for green buildings and energy efficiency***

- More than 200 attendees, including CSULB Provost, international and local researchers, and local faculty, students, and professional engineers, participated.
- There were 20 professional papers presented in the Technical Session. Forty three abstracts were submitted. Only 22 papers were accepted.

Student Post Session and Competition

- C. W. Chang, “Design and Implementation of Home Automation Control System Based on Zigbee and TCP/IP Protocol,” won the 1st Place Award
- J. Abed, “Design Consideration, Comparative Evaluation and Cost Analysis of a PV System and a Generator for Off-Grid Use in California” won the 2nd Place Award
- M. Xu, “Power Consumption Comparison Between H265/HVEC and H.265/AVC for Smart Phone Based on Wi-Fi, 3G and 4G Network,” won the 3rd Place Award
- S. Sim, “Analysis of Sub-synchronous Resonance in Power Generation Systems,” won the 4th Place Award

Faculty, Students, and Engineers, from worldwide, such as 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.

Presentation Video

- The presentation videos with subtitle of Keynote and Lunch talks of IEEE Green Energy and Systems Conference (IGESC) 2015 are available at <http://sites.ieee.org/clas-sysc/green-energy/past-conferences/ieee-green-energy-and-systems-conference-igesc-2015/slides-and-photos/>

End of Year Party on 12/15/2015 at Claim Jumper, Long Beach

All activities are co-sponsored by IEEE CSULB Student Branch

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