



IEEE BUENAVENTURA SECTION

July 2011 Newsletter

Meetings and Events

Wed. Jul 13	ComSoc Computer	Trends in Storage Management Lawrence Sachartoff 6:30 p.m., Richter Hall, CLU Web: http://computer.ieee-bv.org RSVP: http://meetings.vtools.ieee.org/meeting_view/list_meeting/7447 More info: Deron Johnson events@ieee-bv-cs.org
	JOINT MEETING	
	PES	No meeting this month <i>Expect a major announcement in August</i> Web: http://pes.ieee-bv.org/
	RAS	No meeting this month Web: http://ras.ieee-bv.org/
	MTTS	No meeting this month Web: http://mtts.ieee-bv.org/
	EMBS	No Meeting This Month Web: http://www.ieee-bv-embs.org/
	Aerospace LMAG	No Meeting This Month Web: http://aes.ieee-bv.org/
Mon. Jul 25	Section	Section Operating Committee Meeting (closed) 6:30pm TBD

SECTION SPONSORS



The IEEE

Membership Development

Please Welcome Our Newest IEEE Members

Please join me in welcoming our newest Section members:

- Desmond Fretz
- Diane Roberts, *Computer*
- Edward Gonzales
- Francisco Becerra, *Reliability, Robotics*
- Gil Michael, *Communications, Microwave*
- Max Patera, *Communications, Computer*
- Robert Weitkamp
- Scott Sacolles
- Steven Jillings



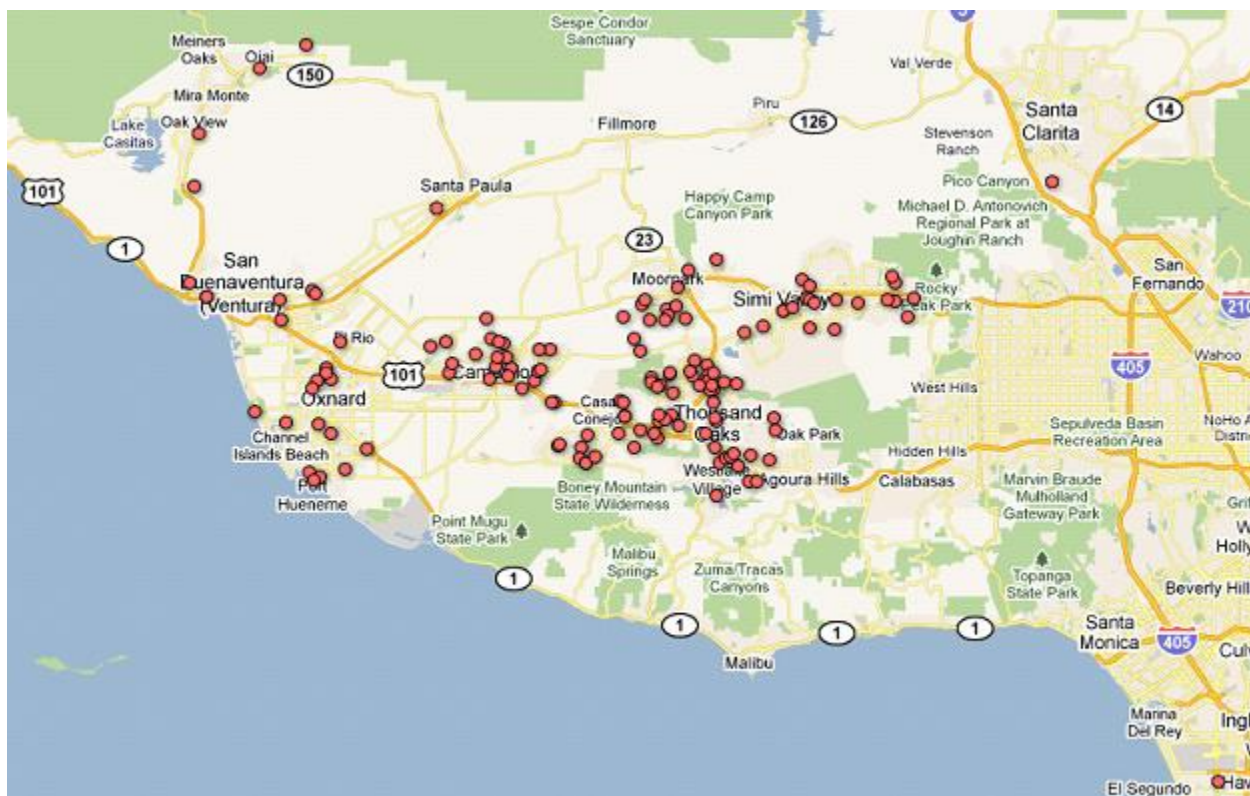
Members can find and make contacts by [searching MemberNet](#) at the [IEEE Member Portal](#). For new members, please

- update and share your information at the portal to help connect you to everyone, and
- remember to set up your new IEEE email forwarding address.

– **Karl Geiger, Section Chair**

Membership

Where is everyone? Thanks to Google's [Fusion Tables](#), geo-mapping is now a 5-minute task. According to the Section membership database, most IEEE members live along the 101 tech corridor and the Simi-Newbury Park axis:



Computer Society Members by Primary Address

We will continue to map individual Society memberships in future newsletters.

-- Bridge Carney, Section Vice-Chair and Membership Development

Section and Chapter News

Senior Member Elevation Clinic

Thanks to all the senior members and the senior member candidates who turned out at the elevation clinic at the Thousand Oaks Library on 18 June.

Candidates, if you have not already completed the filing, please do so. If you need the instructions resent, please contact me directly.

– *Bridge Carney, Section Vice Chair/Membership Development, bcarney@ieee-bv.org*

Newsletters

If you have an event or news, IEEE or otherwise, that is of interest to IEEE members please send it to Zak Cohen, zcohen@ieee.org, so it can appear in the newsletter and the website.

If you wish to write for the newsletter or website, please contact Zak or a Chapter chair.

--*Zak Cohen, Section Secretary*

Neighboring Chapter Events



The IEEE San Fernando Valley Section
Engineering in Medicine and Biology Society Chapter

Presents

Applying Feedback System Control (FSC) to Optimize the Combinatorial Medicine Dr.. Chih-Ming Ho

Date and Location

Tuesday, July 19, 2011

6:00 PM - Social Networking + Refreshments

7:00 PM - Presentation

St. Jude Medical Cardiac Rhythm Management

15900 Valley View Court, Sylmar, CA 91342

Abstract

The Cell is the most fundamental biological system and yet is a complex system. It becomes obvious that exploring and understanding the cell functions based on the bottom-up reductionist approach present significant challenges due to the sheer magnitude of pathway processes and pathway crosstalk.

By taking an out-of-box engineering approach, FSC's top-down methodology that directs a cell or population of cells toward a desired phenotype through an engineered system control scheme. With our approach, we have demonstrated that FSC can "self-guide" a group of cells to desired outcomes that rapidly converge, with only tens of iterations, facilitating the development of optimized combinatorial drug dosing. In addition, we have harnessed these control schemes to rationally design combinatorial drug therapy modalities to direct the cellular system output with improved efficacy and low toxicity.



Speaker's Biography

Dr. Chih-Ming Ho holds the Ben Rich-Lockheed Martin Professorship at UCLA and is the Director of Center for Cell Control, an NIH Nanomedicine Roadmap Center. Dr. Ho is Fellow of the American Physical Society as well as American Institute of Aeronautics and Astronautics for his contributions in a wide spectrum of technology areas. He served as the UCLA Associate Vice Chancellor for Research from 2001 - 2005, and received his BS from National Taiwan University and Ph.D from the Johns Hopkins University.

Registration

Space is limited. [To RSVP click here](#)

For more information view PDF attached and/or contact Mr. Luis Carbajo - luis.carbajo@ieee.org

Section and Chapter Info

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Be sure to check the Section's websites for the latest updates, meeting flyers, and newsletters. Some event details may change. Sites:

http://www.ieee-bv.org/	Aerospace, Life Members, Microwave, Power and Energy, Robotics, Section
http://comsoc.ieee-bv.org/	Communications
http://www.ieee-bv-cs.org/	Computer
http://www.ieee-bv-embs.org/	Engineering in Medicine and Biology