

IEEE BUENAVENTURA SECTION

Welcome to the Buenaventura IEEE Section for June, 2010

June 9th
Computer Behind the Scenes at Dreamworks Animation,
Dr. Saty Raghavachary. Ahmanson Science Center,
Cal Lutheran University
6:30 reception, pizza, & networking; 7:00 presentation

June 24th
AES/LMAG Topic To Be Announced
Vitesse Semiconductor, Camarillo.
6:30 reception and pizza, 7:00 p.m. presentation



June looks to be a fairly quiet month for us, except for a reprise of last year's popular Computer Society event, Behind the Scenes at Dreamworks Animation, by Dr. Saty Raghavachary.

We look forward to seeing you at our Speaker Events this month. Most of our events are free and open to the public, and often have dinner available. All of our events are posted on the Section calendar, available here on our site.

Please take a look at the IEEE California Public Policy & Government Activities page in the flyer – our IEEE Region has some interesting plans for interacting with State and Local government representatives, and you can be part of it.

Our Fall Dinner event topic is “Cyber Crime – From ID Theft to National Security,” and we’re lining up some terrific speakers. We hope you’ll join us!

Steve Johnson, 2010 Section Chair

Job Openings

QualityLogic, in Moorpark, will be staffing the Pacific NW SmartGrid Demo Project with 5 engineers over the next several months. SmartGrid is a five year project! Press release link describing this [green] project:

<http://www.qualitylogic.com/Latest-News/News-Room.aspx?nguid=54c895ad-2e0e-4317-a799-14a4b6d5d074>

Job descriptions for the SmartGrid related project:

- Sr. Test Architect: Reports to the V. P. of Engineering and architect the test solutions, products and services for various Smart Grid related technologies.
- Sr. Test Engineer: Performs thorough review of various power grid related standards, protocols and testing programs in order to generate a very detailed test specification and/or recommendation to the Smart Grid project teams.
- Sr. RF Test Engineer: Develops testing programs for RF based smart meters.

See www.qualitylogic.com for their bio. To respond: http://staffing.qualitylogic.com/job_center/resume2.asp

Xirrus, in Newbury Park, is the provider of leading 802.11n Access Points (Array APs) and is seeking:

- 2 senior level Embedded Linux software developers with a strong background in wireless and or wired networking,
- 2 NMS software engineers
- 3 experienced SQA Engineers.

See www.xirrus.com for their bio. This is an excellent opportunity with very competitive pay, decent benefits and an equity package (when was the last time you heard that?). If you, or someone you know, might be interested, please contact patrick.parker@xirrus.com



Behind the Scenes at Dreamworks Automation

Wednesday, June 9

Richter Auditorium, Ahmanson Science Center,
California Lutheran University

Back by popular demand, Dr. Saty Raghavachary, DreamWorks Animation, presents “just how they do that” when creating animated features.

This talk describes how studios such as DreamWorks and Pixar make computer-animated movies. It explores the departments that make up a modern “production pipeline”, paying extra attention to computational techniques and software development problems. A variety of DreamWorks-related and ‘found’ clips will illustrate several facets of animation production (such as character animation and visual effects), focusing on techniques and technology.

Since last year’s talk, DreamWorks has released “[How to Train Your Dragon](#)” and “[Shrek Forever After](#)”. Come hear what it takes to put these projects out!

Location: Richter Lecture Hall, Ahmanson Science Center,
California Lutheran University
60 W. Olsen Road, Thousand Oaks, CA 91360

Parking Free parking in lot at corner of Olsen and Montclef

Time 6:30 p.m. Reception, Pizza, & Networking,
7:00 p.m. Meeting & Presentation

Contact Karl Geiger, kgeiger@computer.org,
805-876-4271, or

Craig Reinhart, reinhart@clutheran.edu,
(805) 493-3320



IEEE California Public Policy & Government Activities

Engineering and technology professionals tend to be one of the most under-represented groups in the public policy space. You are cordially invited to engage with this initiative and join the cause. Specifically, if you have existing connections with elected officials, or can commit to a few hours a month.

WHY

IEEE member value and representation. These are our tax dollars, and it is up to us to help determine where it should best be allocated. A poll in Orange County showed that over 20% of IEEE members wanted increased attention to Government Affairs and Public Policy.

PURPOSE

Enable policies that support the engineering & technology profession, jobs & careers, STEM (Scientific, Technology, Engineering, Mathematics) education, economic development, global competitiveness, and innovation. Facilitate access to funds from the American Recovery & Reinvestment Act, and other sources.

HOW

Weighing in on public policy issues involving technology, innovation, engineering & globalization - at the national, state & local government levels. Specifically by leveraging our members, IEEE-USA, and relationships with partner organizations.

1. Communication - With our members in California on public policies that impact us.
2. Education - Of our members and elected officials on issues pertaining to technology, workforce, and education.
3. Engagement - With Elected representatives. "All Politics is Local". Regular contact with local representatives.

DEVELOPMENTS

There has been more significant legislation at the state government level, requiring this state level effort in addition to IEEE-USA's federal initiatives. Over the last several years we have been working with the California Governor's office, CA state senators and US Congressmen. Some of our members already work closely with their local elected officials - it is a matter of consolidating our collective networks.

LEGISLATIVE ADVISORY:

This sub-group would comprise educators and industry leaders. The idea is to provide consistent input and credible advice to elected officials in California at the federal, state and local levels.

THE TEAM:

Abdi Ahmed – IEEE-OC Corp Relations & NetServe Systems, Inc.
Dr. Vasudeva Atluri – Chairman, IEEE Region 6 Govt Activities
David Aviv – IEEE LAC
Don V. Black – IEEE-OC Computer Society
Dr. Leonard Bond – R6 Director IEEE
Gora Datta – IEEE-OC Govt Activities; Cal2Cal
Paul Donahue – IEEE-OC; Sierra Wave Ecosystems
Greg Griffes – Chairman, IEEE Coastal Los Angeles Section
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Evelyn Hirt – 2010 IEEE-USA President
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John Jansen – Eaton
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Dr. SK Ramesh – IEEE EAB, Dean of Engineering, CSUN
Naveen Reddy – IEEE-OC CTO; ComSig OC Chair
Galib Samdani – Intel
R Sampath – IEEE California Public Policy; Quanta Consulting, Inc.
Art Sutton – IEEE-LAC
Dr. Suresh Vadhva – IEEE-Sacramento
Dr. Shireesh Verma – IEEE-OC Engineers-in-Transition; Conexant

CONTACT:

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Chairman, IEEE Public Policy & Government Activities - Orange County & California.

The IEEE California Public Policy & Government Activities Committee is an ad hoc committee under IEEE Region 6 Government Activities. More information on Federal IEEE-USA Government Activities & Public Policy is available at www.ieeeusa.org



Celebrating 125 Years
of Engineering the Future

Buenaventura Section Profile

The Buenaventura Section is one of the most active in the western United States, with over 100 speaker events in the last two years, and global recognition for our Chapters and Affinity Groups. We welcome your attendance and participation in Section events!

EMBS: Chapter of the Year 2006 and 2008

LMAG: Life Member Affinity Group of the Year 2009

Buenaventura Section Chapters

Aerospace Chapter provides speaker events to members interested in the design, integration, test, and analysis of large, complex systems consisting of major subsystems that contain dissimilar electronic devices. Most of our members work on sensor systems (radar, Sonar, optics, and navigation), communications systems, command and control centers, avionics, space systems, military systems, digital signal processing simulators, and software development. Some members work on robotics, energy, and transportation systems

Communication Society Chapter a community comprised of a diverse group of industry professionals with a common interest in advancing all communications technologies.

Computer Society Chapter chapter's vision is to be the leading provider of technical information, community services, and personalized services to the ventura county's computing professionals.

Electronic Devices Circuits and Systems chapter places its interest in all aspects of the physics, engineering, theory and phenomena of electron and ion devices as well as looks at the theory, the analysis, the design (computer aided design), the practical implementation of circuits, and the application of circuit theoretic techniques to systems and to signal processing.

Engineering in Medicine and Biology Society chapter serving the needs of biomedical engineers in ventura county. Its leadership is striving to develop new ways to serve its members with modern information from remarkable speakers.

Life Member Affinity Group IEEE "Life" status is an automatic process which is based on an individual's membership record and age. The member must be at least 65 years of age and has been a member of IEEE or one of its predecessor societies such that the sum of age and years of membership equals or exceeds 100. The Buenaventura Section has the only Life Member Affinity Group in Southern California.

Microwave Theory and Techniques Society chapter promotes the theory and applications of RF, Microwave, Millimeter-wave, and Terahertz technologies.

Robotics chapter interested in both applied and theoretical issues in robotics and automation, including intelligent machines and systems used, for example, in space exploration, human services, or manufacturing, and the use of automated methods in factory, office, home, laboratory automation, transportation, and other systems to improve performance and productivity.

Buenaventura Section IEEE Officers

We welcome your involvement – We have several positions open!

Section Office –2010

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ADVERTISE IN OUR NEWSLETTER

This Monthly Newsletter is distributed electronically to 2200+ members and friends of IEEE and then posted on our website:

WWW.IEEE-BUENAVENTURA.ORG

If you need to reach individuals or companies with a technical background in Ventura County and beyond, this newsletter is an ideal vehicle. We can advertise your job openings, consulting services, or conferences and events.

Please contact Steve Johnson, sjohnso@ieee.org

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