



# IEEE BUENAVENTURA SECTION

## August 2012 Newsletter

Wed. 8 Aug	LACCN OCCN LA Council	<b>New IEEE Tools and Networks for Consultants and Entrepreneurs</b> Dr. Gary Blank 6:30-9:30pm Diamond Bar Community Center, 1600 Grand Ave., Diamond Bar, CA
Wed. 15 Aug	AES EDCAS LMAG MTTS	<b>ENTREPRENEURSHIP</b> Jerry E. Knotts 6:30-8:30pm Vitesse Semiconductor, 741 Calle Plano, Camarillo Info: <a href="http://www.ieee-bv.org/2012/08/entrepreneurship/">http://www.ieee-bv.org/2012/08/entrepreneurship/</a>
Mon. 27 Aug.	Section	<b>Section Operating Committee Meeting</b>
Tue. 28 Aug	EMBS	<b>34th Annual International Conference of the IEEE Engineering in Medicine and Biology Society</b> 28 Aug-1 Sep in San Diego <a href="http://embc2012.embs.org/">http://embc2012.embs.org/</a>
Aug.	ComSoc Computer EMBS PES RAS	No local events planned this month.  <b>Mid-month meeting announcements and additional upcoming events will appear on the website first.</b>  Be sure to see the advertised positions on the web too.

<http://ieee-bv.org/>

## SECTION SPONSORS



Ciao Wireless, Inc.



The IEEE

## Membership News

### New Members

Please join me in welcoming our new Section members:

- Marcos Cervantes
- Nadia Dawas
- Eric David Malvaez



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

*New Members:* please be sure to update and share your information at the IEEE Member Portal and set up your IEEE email alias. Please also introduce yourselves at meetings; networking starts here in the IEEE.

--- Karl Geiger, Section Chair

### Senior Membership Elevation Clinic

The July 14<sup>th</sup> Clinic went well despite some glitches with the application software (the site had problems with Firefox browsers). Thanks to all the hard work by Senior members and Applicants for inputting resumes and reviews. We met the 23<sup>rd</sup> July deadline for the IEEE's Advancement Review Panel Meeting on the 28<sup>th</sup>. Congratulations to the twenty members who have advanced to Senior grade.

We are also looking to hold another elevation clinic in about six months. Stay tuned to the newsletter and website for details.

### 2012 Membership

*There is no better time to discover the value of IEEE membership!*

New members who join between 1 March and 15 August are billed at half-off the full-year membership dues, and receive membership benefits now through 31 December 2013. That's 1 ½ years value for the price of 1 year.

To apply to join, see

<http://www.ieee.org/join> or <http://www.computer.org/join>

— Christian Ziegler, Membership Development

## Job Opportunities



### SOFTWARE TEST ENGINEER

Second Sight ([www.2-sight.com](http://www.2-sight.com)) in Sylmar is searching for a Software Test Engineer. Labview, Matlab and Python a plus. Great company, stock options, excellent opportunity.

Contact

Pat Jacobs

805-579-0630

[pat.jacobs@advancedpersonnelprofiles.com](mailto:pat.jacobs@advancedpersonnelprofiles.com)

### Biochemist and Polymer Chemist

Alfred Mann Foundation ([www.aemf.org](http://www.aemf.org)) in Valencia is searching PhD level chemists for a six month contract. Proof-of-Concept for a very exciting project. This is a premier medical device research organization!

Contact

Pat Jacobs

805-579-0630

[pat.jacobs@advancedpersonnelprofiles.com](mailto:pat.jacobs@advancedpersonnelprofiles.com)

### Mechanical and Electrical Engineer

Pasadena medical device company searching for EE with 3-5 yrs experience. Need analog and digital circuit design experience. Able to write basic code for device control and Labview. Mechanical engineer to develop tooling.

Contact

Pat Jacobs

805-579-0630

[pat.jacobs@advancedpersonnelprofiles.com](mailto:pat.jacobs@advancedpersonnelprofiles.com)

### MEMS Engineer

Pasadena medical device company searching MEMS Engineer with microfluidics experience.

Contact

Pat Jacobs

805-579-0630

[pat.jacobs@advancedpersonnelprofiles.com](mailto:pat.jacobs@advancedpersonnelprofiles.com)

## Section News

### *Nominations for Section Officers*

Buenaventura Section holds an officer election **Nov 2012**. Elected positions are

- Chair
- Secretary
- Treasurer
- Vice Chair

Nominations for these positions are now open. **Nominees must be IEEE Buenaventura Section members in good standing and of Graduate Student Grade or higher.** See the [qualifications rules at the IEEE home site](#). To nominate someone or yourself, please send mail to [election@ieee-bv.org](mailto:election@ieee-bv.org).

-- Karl Geiger, Section Chair

### *Product Safety/EM Compatibility Joint Chapter Forming*



Buenaventura Section is seeking to start a joint chapter of the Product Safety Engineering (PSE) and the Electromagnetic Compatibility (EMC) Societies. IEEE members interested in forming this chapter please contact Mike Nicholls, Advance Motion Controls, at [mnicholls@a-m-c.com](mailto:mnicholls@a-m-c.com) or me at [chair@ieee-bv.org](mailto:chair@ieee-bv.org).

-- Karl Geiger, Section Chair

### **SYSTEMS ENGINEERS – PRINCIPAL & SENIOR**

Premier Ventura County company – must have medical device experience. DOORS experience a plus.

Contact  
Pat Jacobs  
805-579-0630

[pat.jacobs@advancedpersonnelprofiles.com](mailto:pat.jacobs@advancedpersonnelprofiles.com)

### **Product Engineer - EE**

Camarillo company searching for an EE with experience working with fiber-optic/laser products. Labview, Visual Basic or C. Experience working in subsystem, module assembly, packaging for semiconductor devices or IC fabrication manufacturing preferred.

Contact  
Pat Jacobs  
805-579-0630

[pat.jacobs@advancedpersonnelprofiles.com](mailto:pat.jacobs@advancedpersonnelprofiles.com)

### **Hybrid Component Design Engineer**

Camarillo company searching for MSEE with experience in high frequency. RF Microwave hybrid design. Must have good understanding of broadband, high frequency.

Contact  
Pat Jacobs  
805-579-0630

[pat.jacobs@advancedpersonnelprofiles.com](mailto:pat.jacobs@advancedpersonnelprofiles.com)

### **Valencia area – non-engineering jobs**

Searching for an accounting manager (CPA preferred) for manufacturing company. Full-time, direct hire.

Contract position for payroll / HR assistant. Approximately two months.

Contact  
Pat Jacobs  
805-579-0630

[pat.jacobs@advancedpersonnelprofiles.com](mailto:pat.jacobs@advancedpersonnelprofiles.com)

## Section and Chapter News and Events

### *Energy Efficiency Symposium 2012*

**THURSDAY 4 OCTOBER** – Mark your calendars for the 2<sup>nd</sup> Annual **Energy Efficiency Symposium**. For 2012 the keynote speaker is Dr. Rajit Gadh, Director of UCLA's Smartgrid Energy Research Center (SMERC).



Sponsors include SoCalEdison, GreenTech Motors, Sauer Energy, the IEEE LA Council, Maverick Angels Investment Group, SolarWorld, Quality Logic, Titan LED, Schweitzer Engineering Labs, and the Clean Business Forum.

Tickets will go on sale later in August. Please see the conference website at

<http://ees.ieee-bv.org/>

If you, your company, or someone you know is interested in sponsoring, exhibiting, or speaking, please contact Bridge Carney, [bcarney@ieee-bv.org](mailto:bcarney@ieee-bv.org). Space is limited.

-- Bridge Carney, Vice Chair



**strattec** ● ●  
biomedical

#### **Electrical Engineer**

Analog/digital circuit design and performance analysis; schematic capture (OrCAD preferred); manage PCB layout/design info (netlists, parts footprint, layout); 1st article circuit debug & test for analog, digital, and uP circuitry. Experience with 8051 firmware, PIC, and low-noise design for switching power amp and stepper motors a plus. Contract assignment.

#### **Contact**

**Marla Hertz**

[m.hertz@strattec.com](mailto:m.hertz@strattec.com)  
805.728.1113 Ext. 1031  
3615 Old Conejo Rd  
Newbury Park, CA 91320  
[strattec.com](http://strattec.com)



#### **Field Service & Applications Engineer**

Tamar Technology builds optical metrology equipment, and is searching for a field service engineer who can travel frequently to locations worldwide. The job includes training customers and evaluating samples.

The applicant must be able to work independently and be a positive face for the company. (5/12-8/12)

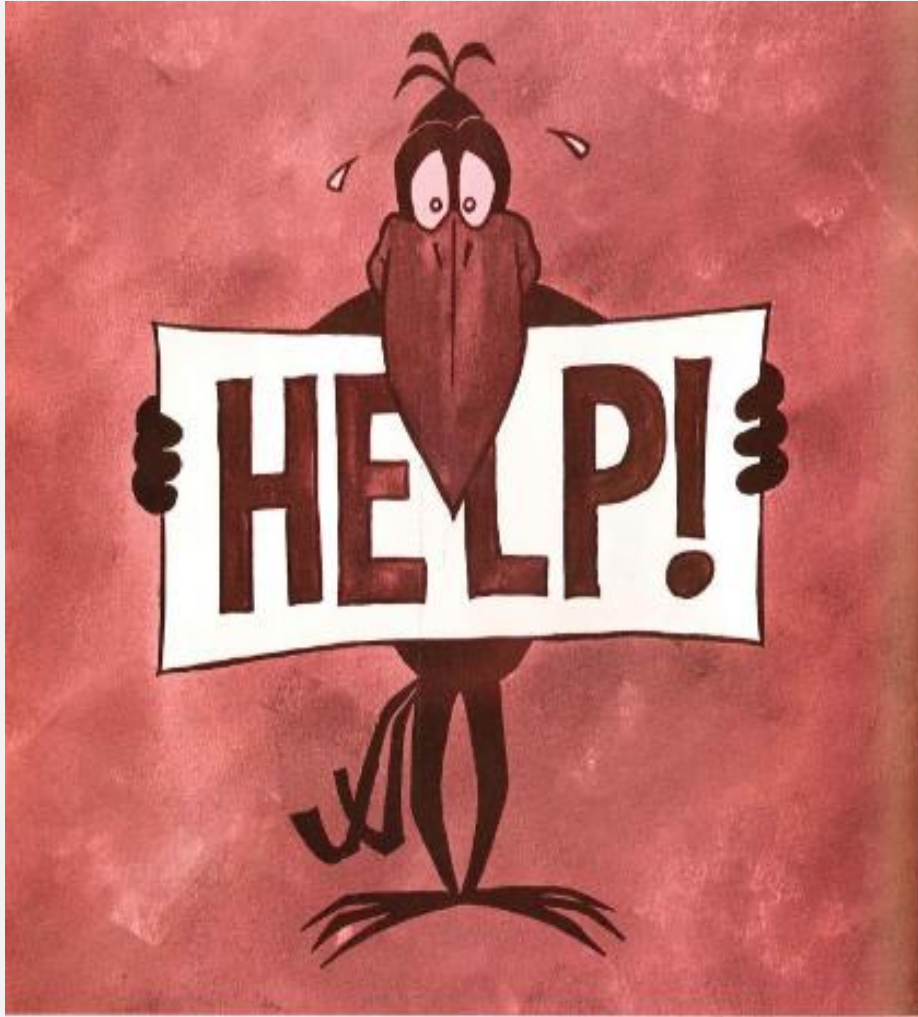
#### **Contact:**

**David Marx**

[dmarx@tamartechnology.com](mailto:dmarx@tamartechnology.com)

1-805-480-3358





**...me document Buenaventura Section history.**

If you have any photos or newsletters or other information about the early years of the Section, please send to me. I will return the items to you after copying them. Thank you.

Doug Askegard, BV Section Historian  
[dougaskegard@ieee.org](mailto:dougaskegard@ieee.org)

\*I borrowed a drawing of my friend, the AOC Crow, as an attention-getter for this message.



## **FIRMWARE ENGINEER**

To develop firmware for industrial instrumentation products.

Must have competency in C/C++ programming embedded software for real-time measurement applications. Current project uses ADI devices (AD9958 & ADUC7026).

A contract position but successful completion may lead to further projects or full-time position.

Hardware knowledge of RF circuitry and mixed-signal layouts a plus.

Contact

**Colin Hanson**

[colin@sensortech.com](mailto:colin@sensortech.com)

(805) 378-1160



**Channel Islands**  
CALIFORNIA STATE UNIVERSITY

### **Computer Science Lecturer Positions**

A Masters degree in Computer Science or related field is required for teaching undergraduate courses. A PhD is required for teaching graduate courses. (5/12-8/12)

Application web-site <http://csucifacultyjobs.com>

**For more information contact**

Peter Smith

[peter.smith@csuci.edu](mailto:peter.smith@csuci.edu)

### ***New Section Chapter Sponsor***

Skyworks Solutions Inc. has agreed to host Buena Ventura Section's Communications Society meetings in their conference center located at 2427 West Hillcrest Drive, Newbury Park, CA 91320.



Skyworks Solutions, Inc. is an innovator of high reliability analog semiconductors. Leveraging core technologies, Skyworks offers high performance analog products supporting automotive, broadband, cellular infrastructure, energy management, industrial, medical, military, wireless networking, smartphone and tablet applications.

The Company's portfolio includes amplifiers, attenuators, circulators, detectors, diodes, directional couplers, front-end modules, hybrids, infrastructure RF subsystems, isolators, lighting and display solutions, mixers/demodulators, optocouplers, optoisolators, phase shifters, PLLs/synthesizers/VCOs, power dividers/combiners, power management devices, receivers, switches and technical ceramics.

- Victor Lin, Chair, Communications Society Chapter

### ***Have News or Announcements?***

If you have an event or news, IEEE or otherwise, that is of interest to IEEE members please send it to Zak Cohen, [newsletter@ieee-bv.org](mailto:newsletter@ieee-bv.org), so it can appear in the newsletter and the website.

Details about submitting news articles, how to subscribe and unsubscribe are at <http://www.ieee-bv.org/news/>.

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

--Zak Cohen, Section Secretary



### **Junior Embedded SW/Firmware Engineer Thousand Oaks area**

Develop, debug, and correct firmware. Works closely with another in "Pair Programming" environment on assigned projects. Creates unit and acceptance tests in C/C++ for complex motion-controlled electro-mechanical systems.

Applicants qualified for this challenging and exciting opportunity possess industry or significant school projects involving RTOS's, C/C++. OOD and Agile project skills desirable. Good academic record/GPA.  
(8/1-8/31)

Send resumé to  
Will Branning  
[will@integrity-staffing.com](mailto:will@integrity-staffing.com)  
805-482-8700 x230

### **Electronic Electromechanical Products Service/Repair Manager Santa Barbara**

Organize service and repair facilities, create systems, bench layouts, tooling to handle defective products efficiently. BS in technical field and 5+ years in service/repair of electromechanical devices — medical device experience preferred — and 2+ years management experience. ISO and FDA regulated industry experience strongly desired.

Send resumé to  
Will Branning  
[will@integrity-staffing.com](mailto:will@integrity-staffing.com)  
805-482-8700 x230

## **Job Opportunities**



### **Full-time/Contract Software Engineers Multi-thread/WIN forms/ASP.Net**

\$2BB fast-growing Santa Clarita Valley, CA, w/500 employees seeks S/W design/development engineers for C#, MS Visual Studio, OOD.

Applicants have BS/MS CS or related degree, 4+ years industry experience, strong C#, ASP.Net, and multi-threaded Winforms development skills.

(8/1-8/31)

Send resumé to  
Will Branning  
[will@integrity-staffing.com](mailto:will@integrity-staffing.com)  
805-482-8700 x230

### **Software Engineer Mfr/Electronic/Electromechanical**

Newbury Park, CA, company is expanding its product line. Develop complex C# systems, UIs, control system APIs, machine vision using 3rd party libraries. Interface, test and debug, and manufacturing engineering for electrical, mechanical, and software systems.

BS/MS EE, CS, or CE; 5+ years. C# .NET v3.5, 4.0; Visual Studio 2010; OOD; interdisciplinary research – design – manufacturing experience.

(8/1-8/31)

Send resumé to  
Will Branning  
[will@integrity-staffing.com](mailto:will@integrity-staffing.com)  
805-482-8700 x230

## **Looking for Academic, Scientific, or Engineering Talent?**

### **Advertise with the IEEE Buenaventura Section**

Placement ads are \$25/month  
and appear in both newsletter and online.

Sponsorships available for website and Section.

Contact [newsletter@ieee-bv.org](mailto:newsletter@ieee-bv.org) or see our [Ad Placement information](#) to advertise or sponsor the Section.



## Section Events

# IEEE BUENAVENTURA LMAG /Aerospace/MTTS/EDCAS Chapters



## ENTREPRENEURSHIP

**Date:** August 15, 2007

**Time:** 6:30 pm Refreshment and Pizza,  
Networking, 7 pm Talk

**Location:** Vitesse, Inc.  
741 Calle Plano, Camarillo, CA 93012



This talk is a technical presentation about how to be an Technical Entrepreneur and start your own company. Jerry will review a short history of how he entered the exciting Entrepreneur space. He will provide detailed guidance on how you can start your own business.

## Speaker: Jerry Knotts

Jerry Knotts served as Vice-President/General Manager, Defense Electronics Division, California Microwave and later as Vice-President for Programs Development at American Nucleonics Corporation. As a business consultant, he provides strategic and financial planning services to small and medium sized companies through his Strategy Management Consulting firm.

Prior to this, he served in the USAF in various positions. He retired in 1984 as Commander, Washington Area Contracting Center, Andrews AFB. Prior assignments included Commander, DCASPRO, Detroit Diesel Allison, Indianapolis IN; many tours with the USAF BIG SAFARI Program with offices in WPAFB, Ohio; USAF Plant 4, General Dynamics, Fort Worth, TX; E-Systems, Greenville, TX; Lockheed LAS, Ontario, CA. While in the the BIG SAFARI Program, he acted as Project Engineer and Program Manager for many special projects, including: COMBAT SENT, COBRA BALL, PEACE JACK, the RB-57F, COMBAT TALON, and many others. In 1968, he completed 112 combat missions as an F-105F WILD WEASEL and RYAN RAIDER over North Vietnam.

He currently is President, California Coast Venture Forum, Inc. (owner of the CLEAN BUSINESS INVESTMENT SUMMIT in Santa Barbara and a business plan reviewer/mentor for LARTA, Los Angeles and the Southern California BioMed Council (SoCALBIO). Jerry is also President, South Coast Youth Leadership Conference, Inc., Thousand Oaks, CA and Treasurer, Youth Enrichment Foundation, Inc., Alexandria, VA He is a founding member of the Board of Counselors for the California Lutheran University Business School, and serves as a mentor and judge for UCSB, CLU, Pepperdine, CSUCI, and Goldman Sachs/LBCC/LACC. Jerry holds a BSEE (Electronics Engineering) from The Pennsylvania State University; and an MBA from Auburn University. In addition, he is a graduate of the Defense Acquisition University, Industrial College of the Armed Forces, Air Command and Staff College, and Air War College. He is a Senior Life Member of the IEEE, Chairman of the IEEE Life Member Group (Buena Ventura Section), a Registered Professional Engineer, and a life member of the Texas, California, and National Society of Professional Engineers. Jerry has served as a member of the Ventura County Republican Party Central Committee, a Ventura County Airport Commissioner, and now serves as a Lay Arbitor for the Ventura County Bar.



# Neighboring Section and Technical Society Events

*Wednesday, August 8<sup>th</sup> 2012*

**IEEE Orange County Consultants Network (OCCN)  
Los Angeles Area Consultants Network (LAACN)  
and the IEEE Foothill Section PACE  
present**



**Dr. Gary L. Blank  
IEEE-USA Vice-President  
Career and Member Services  
and Candidate for IEEE-USA  
President-Elect 2013**

## **New IEEE Tools, Services, Programs, and Networks for Consultants, Entrepreneurs, the Employed and the Unemployed**

### *Abstract:*

What can the IEEE-USA do for you? Dr. Gary L. Blank, IEEE-USA Vice-President, Career and Member Services, will describe new tools, new services, and new programs, and updates on older ones, at this special meeting. These are all designed to advance the careers, practices, and networking of consultants, entrepreneurs, those who are employed, and those who are unemployed.

During his talk, Dr. Blank will explain how the Consultants Networks function, and how they interface and work with other IEEE organizations including the Sections, PACE, Chapters and Societies, WIE Women in Engineering, GOLD, and Life Members. He will describe the powerful IEEE-USA Consultants Database website and how it helps consultants find clients. He will also talk about the newly-formed IEEE-USA Entrepreneurs Networks and how effective they are in helping members to start new businesses, the new IEEE-USA Employment Networks that are rapidly growing and how they are helping our unemployed members to find jobs, and some of the new career advancement tools and services.

### *About Dr. Blank:*

Dr. Blank earned his Ph.D. in Electrical Engineering at the University of Wisconsin in Madison. He has been a full-time technical consultant for many years having provided consulting services for more than 40 major corporations and government agencies. He is the founder of the IEEE

Chicago/Rockford Consultants Network which has over 200 members, and is the past chair of the AICN (Alliance of IEEE Consultants Networks). He has been a full-time professor of Electrical and Computer Engineering at Illinois Institute of Technology, Northern Illinois University, and Marquette University. He also taught at UCLA, and the University of Florida. He has worked with and consulted with many companies in Southern California. He is currently consulting with the U.S. Department of Energy in the areas of Smart Grid, Electric Vehicles, and Renewable Energy, and with the United Technologies Corporation (Hamilton Sundstrand) in the areas of Control Systems and Power Electronics.

His current IEEE-USA VP responsibilities include over 40 IEEE Consultants Networks in the USA, many of which he has founded for their sponsoring Sections. He also provides a 6-hour workshop/training for the members of the Networks on how to start and how to rapidly expand a successful consulting practice. In addition to the AICN (Alliance of IEEE Consultants Networks). Dr. Blank, as IEEE-USA Vice President, is also responsible for the start-up and management of the IEEE-USA Employment Networks, the IEEE-USA Entrepreneur Networks, the IEEE-USA K-12 STEM Literacy Activities, and the IEEE-USA Professional Engineering Licensure and Registration programs. He is a candidate for IEEE-USA President-Elect 2013, nominated and endorsed by the IEEE-USA Board of Directors.

*Date:*

**Wednesday, August 8<sup>th</sup>, 2012**

(Note that this is a change from the time and date announced earlier)

*Sponsorship:*

**This meeting is being hosted by the PACE Activities of the IEEE Foothill Section, in cooperation with the Orange County Consultants Network and the Los Angeles Area Consultants Network. All IEEE members are invited. No charge for food or parking.**

*Time:*

**6:30 PM Networking and food.**

**7:00 – 9:30 PM Presentation and Q&A.**

*Location:*

**Diamond Bar community Center, 1600 Grand Avenue, Diamond Bar, CA**

**The Community Center is located near the intersection of the Freeways 57 and 60, with the Freeways 10 and 210 fairly nearby. This was selected in order to allow many IEEE members from the LA Metropolitan Area, as well as the Inland Empire and Orange County to attend. Free parking on site, but car pooling is recommended. Use your travel time to network.**

*Future Meeting:*

**A meeting is being planned for the fourth Saturday in September, with the meeting again in the Engineering Building at Cal State Fullerton at 10:00 AM. Mark your calendar and watch for the announcement.**

*Contact/RSVP/Info:*

**Bob Gauger [r.gauger@ieee.org](mailto:r.gauger@ieee.org) or Frank Freyne [fgfreyne@ieee.org](mailto:fgfreyne@ieee.org)**

34<sup>th</sup> Annual International Conference of the  
IEEE Engineering in Medicine & Biology Society  
"Engineering Innovation in Global Health"  
Hilton San Diego Bayfront, San Diego. Aug 28 – Sep 1



The 34<sup>th</sup> Annual International Conference of the Engineering in Medicine and Biology Society will take place at the Hilton Bayfront Hotel in San Diego. The general theme of EMBC'12, *"Engineering Innovation in Global Health"*, covers a broad spectrum of topics in biomedical engineering and healthcare technologies, including medical and clinical applications.

#### Themes

Biomedical Signal Processing  
Biomedical Imaging and Image Processing  
Bioinstrumentation, Biosensors and Bio-Micro/Nano Technologies  
Bioinformatics and Computational Biology, Systems Biology, & Modeling Methodologies  
Cardiovascular and Respiratory Systems Engineering  
Therapeutic and Diagnostic Systems, Devices and Technologies, & Clinical Engineering  
Neural and Rehabilitation Engineering  
Cellular and Tissue Engineering and Biomaterials  
Biomechanics and Robotics

Healthcare Information Systems, & Telemedicine  
Biomedical Engineering Education and Society

#### Key Dates:

June 1 Late-Breaking & Undergrad Papers Deadline  
June 1 Advanced Exhibit Booth/Table Reservation  
June 4 Author Final Submission (1st Submission Cycle)  
July 25 Early Registration Deadline  
July 25 Hotel Reservation Deadline



#### Plenary Keynote Speakers

William R. Brody, Ph.D., M.D., President of the Salk Institute: Medical Devices and Healthcare Technology: Changing the Paradigm for the 21st Century

Eric J. Topol, M.D., Director of the Scripps Translational Science Institute, and Vice-Chairman of the West Wireless Health Institute: Digitizing Man

Rebecca Bergman, Vice President of New Therapies and Diagnostics in the Cardiac Rhythm Disease Management Business Unit of Medtronic, Inc.: Emerging Medical Device Technologies: Creating Better Healthcare Solutions for Chronic Disease Management

**[embc2012.embs.org](http://embc2012.embs.org)**



# The 2012 IEEE-CPMT / IMAPS Advanced Technology Workshop on Optoelectronic Packaging and Assembly



## Advance Announcement

The Institute of Electrical and Electronics Engineers - Components, Packaging and Manufacturing Technology Society (IEEE-CPMT) and the International Microelectronics and Packaging Society (IMAPS) jointly announce the 2012 Advanced Technology Workshop on Opto-electronic Packaging and Assembly. This workshop will feature an ITRS Assembly and Packaging Roadmap working session as well.

Dates: September 6 & 7, 2012

Location: [Embassy Suites, 3100 East Frontera Street, Anaheim, CA 92806](#)

**Thursday, September 6, 2012**

**8:00 am – 5:00 pm**

### Optoelectronic Packaging & Assembly

Invited technical experts will be presenting on the advances and trends in Optoelectronic Packaging and Assembly Technology areas for applications such as Optical Interconnects & Semiconductor Photonics, Optical Transceivers & Networks, High Brightness LED and CMOS Image Sensors.

*Featured Speakers:*

Keynote Address: **Prof. Ricky Lee, President, IEEE CPMT Society**

**Dr. Mehdi Asghari, Kotura**

**Dr. Daniel Van Blerkom, Forza Silicon**

**Ron Bonne, Philips Lumileds**

**Dr. Jack Cunningham, Oracle Labs**

**Dr. Peter De Dobbelaere, Luxtera**

**Dr. Ali Ghiasi, Broadcom**

**Dr. Radha Nagarajan, Infinera**

**Dr. Adit Narasimha, Molex**

**Prof. George Papen, UCSD**

**Jeff Perkins, Yole Developpment**

**Dr. Mark Verdiell, Samtec**

**Friday, September 7, 2012**

**8:00 am – 12:00 pm**



### ITRS Assembly & Packaging Roadmap Working Session

The International Technology Roadmap for Semiconductors (ITRS) Organization will hold an assembly and packaging roadmap working session for the workshop participants, with a presentation on the ITRS working process and an interactive discussion about their optoelectronic packaging activities.

Platinum Sponsor



Silver Sponsor



For Sponsorship & Vendor Exhibition inquiries, please contact:

Lawrence Williams – [larry.williams@ansys.com](mailto:larry.williams@ansys.com), 714-417-9311 x449

Jaydutt Joshi – [jaydutt@gmail.com](mailto:jaydutt@gmail.com), 949-697-9814

### Registrations:

Early-Bird Registration Fees: IEEE / IMAPS Members - \$200; Non-Members - \$250; Students - \$75

Registration options are also available for attending only one of the days. Prices will increase for each category, after July 31, 2012.

Registration Instructions at [https://meetings.vtools.ieee.org/meeting\\_view/list\\_meeting/12685](https://meetings.vtools.ieee.org/meeting_view/list_meeting/12685)

### Workshop Organizing Committee

#### General Chairs

Robert Warren, Conexant Systems, Inc. [robert.warren@conexant.com](mailto:robert.warren@conexant.com)

John Mazurowski, Penn State Electro-Optics Center, [jmazurowski@eoc.psu.edu](mailto:jmazurowski@eoc.psu.edu)

#### Technical Program

Wei Koh, Pacrim Technologies, [wkoh2003@hotmail.com](mailto:wkoh2003@hotmail.com)

Dick Otte, Promex Industries, Inc., [otte@promex-ind.com](mailto:otte@promex-ind.com)

Bill Bottoms, Third Millennium Test Solutions, [bill\\_bottoms@3mts.com](mailto:bill_bottoms@3mts.com)

Kannan Raj, Oracle, [kannan.raj@oracle.com](mailto:kannan.raj@oracle.com)

Chuck Tabbert, Ultracomm, [ctabbert@ultracomm-inc.com](mailto:ctabbert@ultracomm-inc.com)

Mark Bachman, Univ. of California – Irvine, [mbachman@uci.edu](mailto:mbachman@uci.edu)

Sam Karikalan, Broadcom Corporation, [samkarikalan@ieee.org](mailto:samkarikalan@ieee.org)

Ivan Shubin, Oracle, [ivan.shubin@oracle.com](mailto:ivan.shubin@oracle.com)

#### Registration & Finances:

Melissa Lau, Broadcom Corporation, [melissa@broadcom.com](mailto:melissa@broadcom.com)

#### Publicity:

Michael Alderete, DRS Sensors and Targeting Systems, [alderetm@gmail.com](mailto:alderetm@gmail.com)

Paul Wesling, Communications Director - IEEE, [p.wesling@ieee.org](mailto:p.wesling@ieee.org)

#### Vendor Exhibits & Sponsorships:

Lawrence Williams, Ansys Corporation, [larry.williams@ansys.com](mailto:larry.williams@ansys.com)

Jaydutt Joshi, Skyworks Solutions, Inc., [jaydutt@gmail.com](mailto:jaydutt@gmail.com)

#### Local Arrangements:

Hossein Ahmad, Boeing, [hossein.ahmad@boeing.com](mailto:hossein.ahmad@boeing.com)

#### University Relations:

Mark Bachman, Univ. of California – Irvine, [mbachman@uci.edu](mailto:mbachman@uci.edu)

Workshop Website: <http://www.cpmt.org/opto2012>



# CLASTECH 2012

## Antenna and Microwave Talks

Mark your calendar for Friday, October 12, 2012, from 8:30 AM to 3:30 PM, for the 6th annual CLASTECH Meeting. The format will be the same as the previous ones, with engaging talks, table top exhibits, and good food, for \$30 onsite, or \$15 preregistration.

Early registration closes on Oct. 8. To insure that you get lunch, register today at:

<http://clastech2012.eventbrite.com>

For meeting flyer go to

[home.earthlink.net/~clastech/clastech.pdf](http://home.earthlink.net/~clastech/clastech.pdf)

### Microwave Talks

- “High Linearity, High Efficiency Ka-Band GaN Power Amplifier”, by Paul Blount, Custom MMIC
- “Active Integrated Circuits for Terahertz Communication” by Ingmar Kallfass, Karlsruher Institut für Technologie (KIT)
- “RFIC for Microwave Applications (TBD)”, by Prof. Gabriel Rebeiz, UCSD
- “Implantable Wireless Medical Devices and Systems” by J.C. Chiao, Univ. of Texas at Arlington
- “Commercial Applications for RF MEMS” by Stepan Lucyszyn, Imperial College London

### Antenna talks

- “Detectors, and Sources for Terahertz Science and Technology”, by Dr. Goutam Chattopadhyay, JPL
- “Development of Compact High Performance Antenna Feeds for Space Application”, by Dr. Clency Lee-Yow, CMI
- “Recent Advances in Leaky-Wave Antennas”, by Dr. David Jackson, Univ. of Houston
- “Low-Profile High-Efficiency Planar Antennas for Aeronautical, Mobile, and Fixed SATCOM Applications” by William Milroy, Chairman and CTO, ThinKom Solutions, Inc.
- “Modeling the F-16 Phased Array” by Dane Thompson, Ansys

Contact Charlie Jackson, Chair, IEEE Coastal LA Section, [c.jackson@ieee.org](mailto:c.jackson@ieee.org) for more information.



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