



# IEEE BUENAVENTURA SECTION

## June 2013 Newsletter

<b>Mon. 3 June</b>	<b>OpCom</b>	Operating Committee Meeting 6:30 pm China Buffet, Thousand Oaks
<b>Thu. 27 June</b>	<b>AESS EDCAS LMAG</b>	<b>Obsolescence – The Underside of the COTS Iceberg</b> <i>Michael Ellis, Northrup-Grumman</i> 6:30-8pm Vitesse Semiconductor, 741 Calle Plano, Camarillo RSVP: paisunils@ieee.org
<b>June</b>	<b>ComSoc Computer EMBS EMC/PSES MTTS RAS/IAS PES</b>	No local events planned this month. Check website for updates.
<b>Mon. 1 July</b>	<b>OpCom</b>	Operating Committee Meeting 6:30 pm China Buffet, Thousand Oaks
<b>Sat. 13 July</b>	<b>All</b>	<b>Senior Member Elevation Workshop</b> Goebel Adult Community Center Thousand Oaks

Be sure to see the advertised positions on the web too.

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

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## Membership News

### *New Members*

Please join us in welcoming our new Section members:

- Carla Marcela De Lira
- Roberto Bernardes de Souza Mazoti
- Shalini Menezes
- Diane Roberts



*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.

--- Bridge Carney, Section Chair

## Section News

### *2013 Fall Event Topics*

As you know, for the past two years we have had the Energy Efficiency Symposium at the Westlake Village Inn. This has a really prestigious and excellent venue for us. It included prominent and local speakers as well as local technology companies, involved in various ways, around energy efficiency solutions.

We certainly know how the process to putting on the event with our core event team. For 2013 we are open to your suggestions about any other technology sectors around which we can focus for this year's Fall Event. We would like ideas that are both interesting and broad enough for all our IEEE members to be interested to see as well as non members who would be interested to attend.

Please send your ideas to me at [bcarney@ieee-bv.org](mailto:bcarney@ieee-bv.org) or call me at 805-558-5097.

Think about it and let me know!

-- Bridge  
Chair, IEEE-Buenaventura 2013

## Job Opportunities



### **SR. ELECTRICAL ENGINEER**

**Congratulation to Second Sight ([www.2-sight.com](http://www.2-sight.com)) in Sylmar who were awarded FDA approval 14 Feb 2013!** SSMP is looking for a very experienced EE with RF and communication protocol experience. Medical device preferred.

Contact  
**Pat Jacobs**

805-579-0630

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

### **PROCESS ENGINEER – Second Sight ([www.2-sight.com](http://www.2-sight.com)) in Sylmar, CA**

Mechanical Engineer with microelectronic packaging experience including die attach and wire bonding, silicone and epoxy. Experience is a regulated industry.

Contact  
**Pat Jacobs**

805-579-0630

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

### **ASSOCIATE ELECTRICAL ENGINEER**

Pasadena Medical Device Company needs 3-5 years experience in low power, mix-signal design. Prefer MCU based signal acquisition and battery life optimization experience. BSEE.

Contact  
**Pat Jacobs**

805-579-0630

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

## JOB SEEKERS CORNER

The IEEE Buenaventura Section (<http://www.ieee-bv.org/>) is proud to announce a new benefit to members. If you are a job-seeker, in-transition or just searching for a new opportunity, we are happy to help you advertise your skills.



Simply send two lines, including your contact information, to Pat Jacobs at [pat.jacobs@advancedpersonnelprofiles.com](mailto:pat.jacobs@advancedpersonnelprofiles.com). Pat will publish your information in our monthly newsletter at no cost to the job seeker.

If you prefer, you can advertise anonymously and simply provide your email address and the main points that detail your experience. Employers will contact you directly at the email address provided.

The newsletter is published monthly so please contact Pat by the 20th of the month.

The following IEEE members are searching for new opportunities. Please contact them directly:

**Bioengineer** with experience in research, development, & management. Contact: [beejal@blackboxlabs.us](mailto:beejal@blackboxlabs.us)

**Contract CIO**, Info strategies, BPMS SME, Info/Business Agility, Ent Arch, Bus Arch, Info ProgMgr 805-493-4186

**Embedded Software/Firmware developer.**

Implemented successful products using Assembly Language, C, C++, Shell scripts, Java, XHTML, JavaScript & Perl.

[James.L.Keeler@gmail.com](mailto:James.L.Keeler@gmail.com)

**B.S. in physics, strong math skills** looking for a role in any scientific or technological field that utilizes mathematical and problem solving skills. Working location is flexible. Contact: (206)375-2503 [qgiesber@clunet.edu](mailto:qgiesber@clunet.edu)

**Electronics Systems/Software Test Engineer** with 10 years experience. Skills include automated and manual software testing, environmental testing, Java and C++. Contact [aaronpoley9@gmail.com](mailto:aaronpoley9@gmail.com).

**Sr. Electrical Engineer at Alfred Mann Foundation**

**([www.aemf.org](http://www.aemf.org)) in Valencia, CA**

BS & 5+ years working on rigid & flexible PCB design. Analog & digital circuit design. Good knowledge of microcontroller, FPGA, RF and communication protocols.

Contact  
**Pat Jacobs**

805-579-0630

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



**Systems Administrator** with 8 years experience. Windows, Linux, VMWare, Hyper-V, AWS, Powershell, Python. Seeking professional growth Ventura County. [Rick@Runeq.net](mailto:Rick@Runeq.net)

## 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.



# Buenaventura Section Life Member Affinity Group Recognized



24 May 2013

Jerry E Knotts  
IEEE Buenaventura Section Life Member Affinity Group Chair  
J.E. Knotts & Assn.  
261 Fox Ridge Dr.  
Thousand Oaks, CA 91361-1307

Dear Jerry Knotts,

On behalf of the IEEE Life Members Committee, I am pleased to formally advise you that the **IEEE Buenaventura Section Life Members Affinity Group** has been included on the 2013 list of Outstanding Life Members Affinity Groups.

The IEEE Life Members Committee believes that keeping Life Members active and engaged is a key component to the success of IEEE in local IEEE activities. Having a Life Members Affinity Group is an effective method in keeping Life Members active, and the Life Members Committee would like to thank you and the additional people within your Section for your efforts.

The recipients were identified based on 2012 calendar year activities - the number of Life Members events held, the average attendance at those events, and the number of contributors to the IEEE Life Members Fund. It is hoped that this recognition will lead to an increase in the following areas:

- Satisfaction of IEEE Life Members with their IEEE involvement
- Recognition of the contributions of Life Members to IEEE activities
- Number of Life Members Affinity Groups
- Life Members engagement in IEEE activities
- Donations to the Life Members Fund

The complete list of Outstanding Life Members Affinity Groups is contained in the June 2013 issue of the IEEE Life Members Newsletter. Future issues will highlight specific activities of Outstanding Life Members Affinity Groups. Please e-mail [life-members@ieee.org](mailto:life-members@ieee.org) if you would like the activities of your Group highlighted.

Once again, I would like to thank everybody in the IEEE Buenaventura Section who has been involved in conducting Life Members Affinity Group activities for their efforts. Your contribution to IEEE and IEEE Life Members is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Louis A. Luceri".

Louis A. Luceri  
Chair, IEEE Life Members Committee

cc: Bridgeman Carney, 2013 Buenaventura Section Chair  
Karl Geiger, 2012 Buenaventura Section Chair  
Charles Herget, Region 6 Life Members Coordinator  
Michael Andrews, Region 6 Director  
Ralph Ford, VP-MGA / MGA Chair  
Cecelia Jankowski, Managing Director, Member and Geographic Activities

## Upcoming IEEE Buenaventura Section Events

IEEE BUENAVENTURA SECTION  
Aerospace & Electronics Systems Chapter,  
Electron Devices/Circuits & Systems Chapter,  
&  
Life Members Affinity Group



### Obsolescence - The Underside of the COTS Iceberg

**Date:** Thursday, June 27, 2013

**Time:** 6:30 pm Refreshments and Networking,  
7:00 pm Talk

**Venue:** Vitesse Semiconductor Corp.  
741 Calle Plano, Camarillo, CA 93012

When Commercial Off The Shelf technology (COTS) was first applied to military systems, it was viewed by many as a panacea, offering low-cost coupled with reduced NRE and rapid time-to-market. Now that we have well over a decade or so of COTS applications under our belt it is clear that there is no “free lunch” and that, while COTS is a fairly new solution to many of our challenges, it also offers its fair share of new problems. This one hour lecture examines some of those problems and offers some thoughts on potential solutions.

This lecture offers a brief COTS introduction and then takes attendees on a “field trip” to an actual COTS obsolescence upgrade program. The program involved a computer replacement, instrument upgrade and rehost of approximately 400KSLOC of real-time, concurrent, asynchronous software code on a complex missile test system. The field trip allows attendees to visit many of the problems that were experienced en route, together with their cause, effect and occasional mitigation.. To provide a little entertainment, Grandmother will tag along to review the COTS lessons in the light of “conventional wisdom” and offer intermittent commentary.

Please RSVP to Sunil Pai ([paisunils@ieee.org](mailto:paisunils@ieee.org)) if you wish to attend this meeting.

### Speaker: Michael T. Ellis, Northrop Grumman

Mr. Ellis has over three decades of broad technical and management experience in Aerospace and Electronics, with over twenty five years of direct involvement in maintenance testing of almost every military aircraft and numerous other weapons systems. He has managed the development of eight major ATE systems and over one thousand Test Program Sets (TPS). As President of his own consulting company, Test Automation Inc., he has acted as a consultant for numerous government and aerospace organizations for over twenty years. Mr. Ellis is currently employed by Northrop Grumman as Product Line Manager for all the corporation’s Ring Laser and Zero-Lock Gyro Navigation Systems. He runs and lectures at the annual IEEE AUTOTESTCON Seminar Program, has published approximately forty technical papers and over one hundred articles on test technology and management. He served as US Editor for “Test!” magazine for many years. Mr. Ellis holds a B.Sc. (Hons.) from Northern Polytechnic., London, UK., and an M.S. from Long Island University. He is the recipient of the IEEE AUTOTESTCON Frank McGinnis Memorial Award for lifetime contributions to ATE technology and the National Defense Industrial Association John Slattery Memorial Award for innovation and integrity in test.

JOINT MTG: AESS, EDCAS, LMAG



## Senior Member Elevation Clinic July 13, 2013

The 2013 Senior Elevation Event for the section has been scheduled for Saturday, July 13 at the [Goebel Adult Community Center](#), 1385 E Janss Rd, Thousand Oaks, CA 91362 (on Janss Road adjacent to the library).

Senior Membership is an honor!

It is recognition and validation by your peers that you have attained a high level of performance in your profession that deserves recognition.

The criteria for Senior Membership in part requires you to have

- Ten years of professional experience or less depending on your educational experience.
- Five years of significant performance
- Active Membership status
- Three referrals that can validate your experience (this events provides interviews with senior members to validate your experience)

See the complete criteria at

[http://www.ieee.org/membership\\_services/membership/senior/senior\\_requirements.html](http://www.ieee.org/membership_services/membership/senior/senior_requirements.html)

Even though you have not received an invite to the event you may still qualify!

We have sent email announcements to those based on cumulative service years with IEEE which is only an indication. You can become a Senior Member with only one year of service.

To be sent an invitation, more information, or to help prepare for the event, contact me.

Christian Ziegler  
Membership Development Chair  
[Christian.Ziegler@ieee-BV.org](mailto:Christian.Ziegler@ieee-BV.org)





## IEEE Power & Energy Society SCHOLARSHIP PLUS INITIATIVE™

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**Applicants:**

- GPA of 3.0 or higher on a 4.0 scale (or equivalent)
- U.S. Citizen or Permanent Resident
- Working toward a bachelors degree in electrical engineering
- Willing to take courses in power and energy engineering

**Apply today!!**

**Application Deadline**

**30 June 2013**

<http://www.ee-scholarship.org/>

**IEEE Foundation**





## Neighboring Section, Professional Society, and Regional Events



### 3D Printing

Wednesday, 5 June 2013

This coming Wednesday is our annual General Section Meeting and we invite all to come! We've got a lot on the agenda and invite all to come. Soft drinks and appetizers are complimentary of ASME!

- Election of officers for 2013-2015 term
- Introduction to new ASME.ORG 2.0 Global Communities
- How to create your Personal Communities Webpage (members and non-members)
- Create your Personal Webpage online with our WiFi Hotspot
- Checkout ASME SmartBrief - a daily, compact news service of interest to all engineers!
- Presentation: Future of 3D Printing.

**When:** Wednesday, June 5, 2013, 6:30-8:30pm

**Where:** The Library at Marie Callenders Restaurant, 1295 Victoria Ave, Ventura

**Directions:** Exit 101 at Victoria Ave and go North. Restaurant is on left about 1 mile up.

**Who:** ASME and non-ASME

**Cost:** ASME Channel Islands will sponsor free soft drinks and appetizers for all  
RSVP to Dennis Horwitz at [asmechannelislands@gmail.com](mailto:asmechannelislands@gmail.com) (Room limit is 15)

You do not have to be a member of ASME to be a participant but you do need to create a Personal Communities profile on the new ASME.ORG. In concert with the ASME 2.0 launch, the Channel Islands Section community page will replace our website:

Channel Islands Communities Webpage

[http://community.asme.org/channel\\_islands\\_section/b/weblog/default.aspx](http://community.asme.org/channel_islands_section/b/weblog/default.aspx)

Bring your laptops! We will have a digital camera and WiFi HotSpot on hand help attendees setup their new profiles. The new system is also closely linked to LINKEDIN so if you already have a LINKEDIN profile, it saves a lot of time as it can download directly into your ASME personal profile..

# IEEE FOOTHILL SECTION COMPUTER SOCIETY



## **BIG DATA** **Dr. Gayn Winters, PhD (Orange Co. IEEE member)**



7pm Thursday 20 JUNE

DeVry University Pomona, Room 204/206  
(100 seats available, RSVP required  
light dinner provided with RSVP)  
901 Corporate Center Dr.  
Pomona, CA 91768

Free parking available around the building, located at the  
intersection of the I-10 & 57 Freeways, not far from Cal Poly  
Pomona.

### NOTE

Use mapping software for detailed directions as freeway  
exits/construction can be tricky in this area

Info/Details:

<http://foothill.ieee-bv.org/2013/05/ieee-foothill-computer-society-on-big-data-mtg-620-devry-7pm/>

## Buenaventura Section and Chapter Info

<u>Section Office 2012</u>	<u>Name</u>	<u>E-Mail</u>
Chair	Bridgeman Carney	<a href="mailto:bcarney@ieee-bv.org">bcarney@ieee-bv.org</a>
Vice-Chair	Albert Wolfkiel	<a href="mailto:awolfkiel@ieee-bv.org">awolfkiel@ieee-bv.org</a>
Treasurer	Zak Cohen	<a href="mailto:zcohen@ieee.org">zcohen@ieee.org</a>
Secretary	Karl Geiger	<a href="mailto:karl@ieee-bv.org">karl@ieee-bv.org</a>
Programs and Events	Ross Kocen	<a href="mailto:events@ieee-bv.org">events@ieee-bv.org</a>
Awards Chair	Christian Ziegler	<a href="mailto:awards@ieee-bv.org">awards@ieee-bv.org</a>
Member Development		
PACE Events Chair		
Historian	Doug Askegard	<a href="mailto:dougaskegard@ieee.org">dougaskegard@ieee.org</a>
Past Chair	Karl Geiger	<a href="mailto:karl@ieee-bv.org">karl@ieee-bv.org</a>
Sr. Representative, LA Council	Bridgeman Carney	<a href="mailto:bcarney@ieee-bv.org">bcarney@ieee-bv.org</a>
Jr. Representative, LA Council	Momin Quddus	<a href="mailto:moming7@yahoo.com">moming7@yahoo.com</a>
Section Webmaster	Karl Geiger	<a href="mailto:webmaster@ieee-bv.org">webmaster@ieee-bv.org</a>
Newsletter	Zak Cohen Karl Geiger	<a href="mailto:newsletter@ieee-bv.org">newsletter@ieee-bv.org</a>

<u>Chapter</u>	<u>2013 Chair</u>	<u>E-Mail</u>
Aerospace	Momin Quddus	<a href="mailto:moming7@yahoo.com">moming7@yahoo.com</a>
Communications	David Pehlke	<a href="mailto:chair@comsoc.ieee-bv.org">chair@comsoc.ieee-bv.org</a>
Computer	Craig Reinhart	<a href="mailto:reinhart@callutheran.edu">reinhart@callutheran.edu</a>
Electron Dev./Circuits and Systems	Sunil Pai	<a href="mailto:chair@edcas.ieee-bv.org">chair@edcas.ieee-bv.org</a>
Engineering in Medicine and Biology	Bob Rumer	<a href="mailto:chair@embs.ieee-bv.org">chair@embs.ieee-bv.org</a>
Life Members Affinity Group	Jerry Knotts	<a href="mailto:chair@lmag.ieee-bv.org">chair@lmag.ieee-bv.org</a>
Microwave Technology and Techniques	Tom Campbell	<a href="mailto:chair@mtts.ieee-bv.org">chair@mtts.ieee-bv.org</a>
Power and Energy	Bridge Carney	<a href="mailto:bcarney@ieee-bv.org">bcarney@ieee-bv.org</a>
Robotics	Bob Rumer	<a href="mailto:rrumer@callutheran.edu">rrumer@callutheran.edu</a>

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/>

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

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

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

Aerospace, ED/CAS, Life Members, Microwave, Power and Energy, Robotics, Section  
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