



IEEE BUENAVENTURA SECTION

December 2012 Newsletter

Wed.
5 Dec.

EMBS
Students

Prepping for the Hunt Panel Discussion

6pm dinner (\$10 cash); 7pm presentation
Ahmanson Science Center, Cal Lutheran U.
60 W. Olson Rd, Thousand Oaks, CA
Info/RSVP: Abigail Corrin, acorrin@clunet.edu

Wed.
19
Dec.

All
Section
Members

The Day Before The Day Before The World Ends

Social Mixer

6-9pm
Los Robles Greens Clubhouse Banquet Room
299 South Moorpark Road, Thousand Oak, 91360

RSVP/Register:

https://meetings.vtools.ieee.org/meeting_view/list_meeting/15569

TBD
Dec.

Section
Officers

Executive Committee Meeting

Planning for 2013 Officers

Dec.

AESS
ComSoc
Computer
EDCAS
LMAG
MTTS
PES
RAS

No local events planned this month.
Check website for updates.

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 us in welcoming our new Section members:

- Max Antell
- Fernando Barroso
- Alexander Darejeh
- Barry Horton
- Matthew Kelly
- Jeff Knight
- Brian Memmott
- Justin Ngo
- Jonathon Ong
- Daniel Rostrom
- Val Singhal
- Sean Taheri



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

Please Change Your IEEE Password

IEEE headquarters reports a data breach exposing 100,000 IEEE member accounts with their passwords.

The data breach is particularly harmful because last Spring the IEEE began using member's email addresses as their log-ins to IEEE sites and services. Accounts at any other site or service, e.g. GMail, that uses this email address and password to log-on are also at risk. IEEE will contact compromised individuals. **As a precaution, however, all members should change IEEE web account passwords now.**

See <http://www.ieee-bv.org/2012/09/change-your-ieee-org-password/> for more information and links to change passwords.

Job Opportunities



SYSTEMS ENGINEER - PRINCIPAL

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

Contact

Pat Jacobs

805-579-0630

pat.jacobs@advancedpersonnelprofiles.com

TEST ENGINEER

Alfred Mann Foundation (www.aemf.org) in Valencia is searching for an EE with both hardware and software. 5+ years of system test related experience with advanced knowledge of medical devices.

Contact

Pat Jacobs

805-579-0630

pat.jacobs@advancedpersonnelprofiles.com

SYSTEMS ENGINEERS – PRINCIPAL & SENIOR FOR RISK MANAGEMENT

Premier Ventura County company – must have medical device experience. Must have industry experience with Fault Tree Analysis or similar, ISO14971, ISO62304. Risk management plans, files, hazard analysis, user and design risk assessments. Integral to the device development process.

Contact

Pat Jacobs

805-579-0630

pat.jacobs@advancedpersonnelprofiles.com

Section News

Section Elections

Section officers for 2013 have been elected. They are:

- Section Chair - Bridge Carney
- Section Vice Chair - Albert Wolfkiel
- Section Secretary - Karl Geiger
- Section Treasurer - Zak Cohen

The final report from the IEEE voting system is available here:

[Ballot Results](#) [Buenaventura Section 2013 Officers Election](#)

The new officers look forward to serving you in the coming year.

Thanks to all who voted.

Karl Geiger

Buenaventura Section Chair 2010-2012

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, 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

QUALITY ENGINEER

Pasadena medical device company – 3 to 5 years experience in process/testing. Class II or III device experience.

Contact

Pat Jacobs

805-579-0630

pat.jacobs@advancedpersonnelprofiles.com

MECHANICAL AND ELECTRICAL ENGINEERS

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

SALESFORCE.COM / DEVELOPER / TRAINER

Bioness (www.bioness.com) in Valencia is searching for an experienced IT staff member who will be actively collaborating with all departments to ensure the accuracy, completeness & veracity of sales, marketing, project management & inventory management data. **Must have high level of expertise in Salesforce.com.**

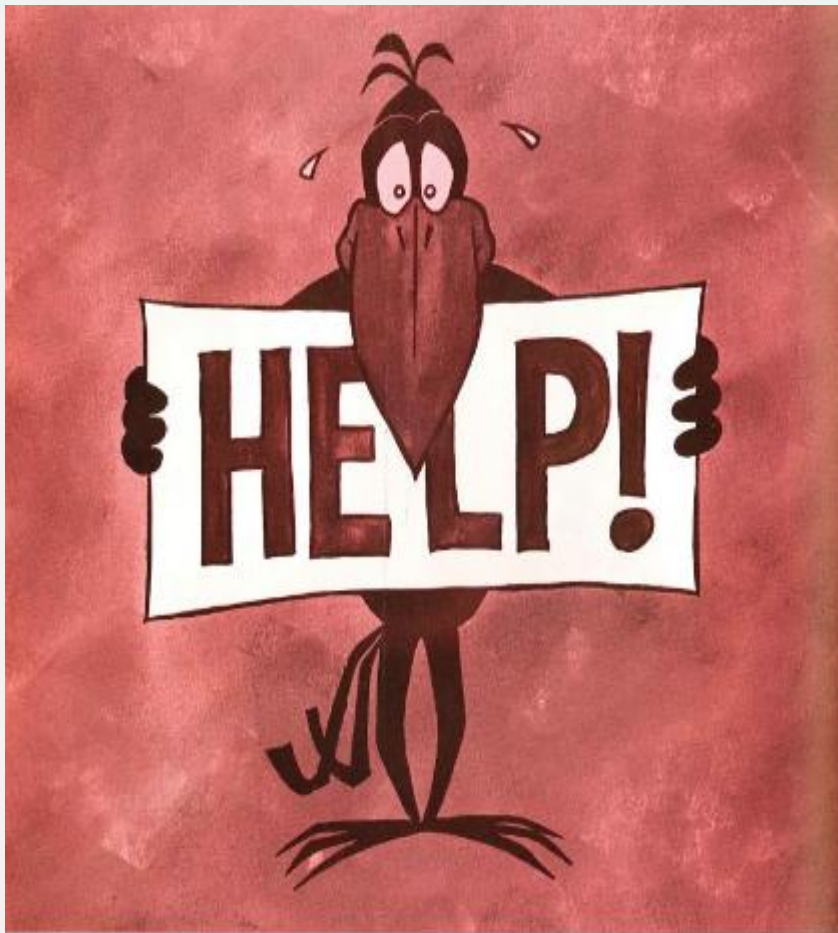
Contact

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...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

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

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 or see our [Ad
Placement information](#) to advertise or sponsor
the Section.



Section and Chapter Events



Prepping for the Hunt

Panel Discussion

Abstract

How should you prepare for your job hunt? Would doing summer internships or going to graduate school improve your chances of getting a great job? What are the benefits of full-time vs. employment as a contractor? These are the sorts of questions we'll address with our annual review of the science and engineering job market in Southern California.

Speakers this year are:

- Dr. Vineet Sarin, President, Kinamed (Camarillo)
- Pat Jacobs, President, Advanced Personnel Profiles,
- Meredith Van Horn, Director, Login Consulting Services,
- Dr. Amy Denton, Director of MS Biotechnology and Bioinformatics program at Cal State Channel Islands,
- Steve Johnson, IS manager and technical recruiter, Amgen

Dinner will be held in the Ahmanson Science Building. Dinner begins at 6 pm and the presentation at 7 pm in the Ahmanson Science Building.

NOTE DATE CHANGE: Wednesday, 5 December. 2012

As always, meetings are held at California Lutheran University. Dinner will be held at 100 Ahmanson Science Building at 60 West Olson Road, Thousand Oaks. We offer a sit-down buffet-style dinner for \$10 and hope that you will join us for networking. Looking forward to seeing you

Please note that the parking situation at California Lutheran University (CLU) has recently changed. Visitor parking is no longer available without a permit before 7 p.m. on [streets shown in red on the map](#). Please Park in "G" lots. If you would like a one-evening on-street parking permit (readily available at no cost), or desire assistance walking to / from the Ahmanson Science Center, ask at the CLU Welcome Center or call CLU Public Safety at 805-392-3208. For more information, please see our [chapter web site](#). There is a [link to parking permits](#).

[The Day Before]² × [The World Ends]

Join us 6-9pm Wednesday evening, 19 December at Los Robles Greens clubhouse/banquet room for ***The Day Before The Day Before The World Ends*** mixer.

Doomsayers claim that the Mayan Calendar predicts the world's end when the northern hemisphere's winter solstice occurs, or 21 December 2012 on the Western calendar. Consequently this event has no agenda.

Please stop by after work; come meet and mingle with your fellow IEEE members to chat and enjoy.

This event is the last event of the year — ***perhaps ever*** — so we hope to see you there.



When:

6-9pm Wednesday, 19 December 2012

Where:

Buffet Room, Clubhouse, Los Robles Greens Golf Course
299 South Moorpark Road. Thousand Oaks CA 91361

[Directions](#)

RSVP:

Please [register](#) so we get a headcount for the buffet.

Info:

events@ieee-bv.org



Neighboring Section, Professional Society, and Regional Events



Electrical Power Systems Studies

Grand Avanesian

This presentation is an overview of power system studies including but not limited to:

1. Short circuit Calculations
2. Coordination of Protective Devices
3. Arc flash Study

Following questions will be answered:

- What information is needed?
- How to model your electrical power system?
- What to input in your electrical model?
- What output to get from the studies?
- How to interpret the output results?
- What to include in the electrical power system study reports?

The presentation will start from basic level and it will be followed by intermediate level and questions will be answered.

Speaker's Biography

Grand Avanesian has over 35 years experience in the development and design of power systems. Mr. Avanesian received his MS degree in Electrical Engineering from Pahlavi (Shiraz) University in Iran, and holds a PE Certification in States of California and Nevada, as well as being a LEED Associate. His area of specialization is Power System Studies. Mr. Avanesian is an IEEE Senior Member, and has been active in several capacities since his association with the IEEE. Most recently, he has Chaired the IEEE IAS LA Chapter and the Power & Energy Systems, (PES), of the San Fernando Valley Section. Grand has made several presentations in his area of expertise. Mr. Avanesian has worked for ORSA Substation Consulting Engineers Co.; Hampton Tedder High Voltage Testing Co.; Parsons Inc.; WorleyParsons Inc and Fluor Inc.

Where:

ITT Technical Institute
12669 Encinitas Ave
Sylmar, CA 91342

When:

Thursday 6 December
2012
6:00 – 6:30 PM:
Pizza & Networking
6:30 – 7:00 PM:
PES in Action
7:00 – 8:00 PM:
Presentation

No Cost, Space is limited –

Please RSVP by 5 Dec 2012 at

<http://pes-avanessian-2012.eventbrite.com>

For more information contact:

Milenko Bistric, Chapter Chair

milenko.bistric@us.abb.com

Paul Schultz, Vice Chair

paul.schultz@ieee.org

ASME Meeting and Presentation
Tuesday, December 11, 2012, 6:30pm-8pm

"An Engineering Evaluation of Camping Stove Technology By A Lightweight Backpacker."

Presented By
Dennis Horwitz
ASME Member and Lightweight Backpacker
VP-Sales & Marketing, Micronor Inc..

I was intrigued when I read a new product release in an engineering design magazine about the Biolite Campstove. A twig-burning stove (i.e. no need to carry fuel) incorporating a thermoelectric generator that could also charge an electronic device such as a smartphone or rechargeable GPS. As a lightweight backpacking gear-junkie, I was impressed with the multiple functionality but skeptical of its practicality. A few members of the local Engineers Without Borders (EWB) chapter thought this was pretty cool for use in 3rd world countries. But backpacking? And so spawned the idea for this ASME presentation...

Engineers appreciate good design plus tend to be logical and can separate the reality from the marketing hype. Which stove is really better? What factors need to be considered in selecting a suitable stove? Factors include: meal prep requirements, cooking time, stove weight, fuel weight, outdoor temperatures, calm or variable weather, high or low altitude, overnight or multi-day trek and whether the stove must support solo or group cooking. We will look at the pros and cons of different stove types and the various models on the market. Few things are truly universal - even stoves.

We'll start out by briefly discussing the principles of Lightweight Backpacking and the overall thought and mindset that goes into gear selection for an outing. Need a link for good lightweight backpacking info? www.backpackinglight.com

WHERE IHOP Restaurant, 2315 Michael Dr, Newbury Park, CA 91320

COST IHOP meeting room provide at no charge if everyone orders food and drink

RSVP **RSVP Required** so restaurant can plan for best service. Email Dennis Horwitz at asmechannelislands@gmail.com

Directions from North (Camarillo, Oxnard, Ventura, Santa Barbara):

1. US-101 South
2. Take Exit #47A for Borchard Road
3. Turn right onto Borchard Road
4. Turn right onto Michael Drive
5. Restaurant is on your right.

Schedule:

- Please arrive no later 6:30pm!
- 6:30-7pm Arrival, Mixer and Order Meal
- 7-8pm Presentation



VOLUNTEERS NEEDED

SWE Certification Fair - evening of Jan 31st 2013

Do you have "letters" after your name? MBA, PMP, PE, RE, PhD, EIT, LEAN, 6 sigma, Black belt, Green Belt
If so, we need your help - The Ventura section of the Society of Women Engineers (SWE) is looking for speakers for our certification fair in January.

There are so many letters after people's names it becomes like alphabet soup.

- What do they mean?
- Do I need a certification or more education?
- How will it help me in my career?
- What does it take to get the certification?

Time will be available to discuss specifics with people who have collected the certifications and meet others who are studying or contemplating taking the same steps. We need two types of "speakers" - panel speakers and table speakers.

Panel Speakers

- What your certification/letters are? What the certification is for?
- Why did you get it? What impact it had on your career?
- What is involved in getting the certification?

Table Speakers

- In-depth questions and discussion.
- One-on-one or two conversations.
- Perhaps bring a handout/sheet with more information of a website to look for ideas, share helpful hints, etc.

The SWE Certification Fair will be held at the Pleasant Valley Instructional Center in Camarillo on Thursday evening, January 31st. Networking and mingling food will be provided. Cost is \$15 for members of any professional association (IEEE, SHPE, SWE, ASCE, ASME, APWA, etc), \$20 for others.

This is a great professional development and networking opportunity. Please plan to come even if you are not a speaker. We hope to have at least 20 speakers for this event, so don't be shy. If you know of someone who would be great for this, pass this invite on.

Please contact **Teri Keller**, VP_Programs@swe-sbv.org, to volunteer or myself if you have questions.

Sherisse Hughes

President, Society of Women Engineers
Ventura and Santa Barbara counties
805-844-2027 – cell
sherisse.hughes@gmail.com



Society of
Women Engineers

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**National Engineers Week Dinner
Ventura – Santa Barbara Counties
Residence Inn by Marriott at River Ridge
February 21, 2013**



Seeking Nominations for IEEE Buenaventura Engineer of the Year IEEE Buenaventura Project of the Year

National Engineers Week is February 17-23, 2013, and our annual Ventura and Santa Barbara Counties 2013 National Engineers Week Banquet will be held at the Residence Inn by Marriott on River Ridge in Oxnard on February 21st, 2013.

Each year this banquet provides an opportunity to socialize, network, recognize the excellent work of local engineers (both as individuals and as project teams), enjoy an interesting engineering and technology presentation by a guest speaker, and present scholarships to outstanding local college students.

An important part of our annual banquet is recognizing outstanding Engineers and Projects from our membership. This year, as in past years, your IEEE leadership team is soliciting nominations for an Engineer of the Year (EOY) and a Project of the Year (POY) for recognition at the banquet.

**For nomination forms, please contact
Doug Askegard at dougaskegard1@yahoo.com**

Completed nominations should be submitted to the same, and are due by January 15, 2013. Your IEEE leadership team will then review and select one EOY winner and one POY winner who will be invited to the banquet to receive their awards.

You are invited and encouraged to attend the event. Please contact Doug at the same email address for info on purchasing tickets. Thank you!

Buenaventura Section and Chapter Info

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

<u>Chapter</u>	<u>2012 Chair</u>	<u>E-Mail</u>
Aerospace	Momin Quddus	moming7@yahoo.com
Communications	Victor Lin	Victor.S.Lin@aero.org
Computer	Craig Reinhart	reinhart@callutheran.edu
Electron Dev./Circuits and Systems	Sunil Pai	chair@edcas.ieee-bv.org
Engineering in Medicine and Biology	Abigail Corrin	chair@embs.ieee-bv.org
Life Members Affinity Group	Jerry Knotts	chair@lmag.ieee-bv.org
Microwave Technology and Techniques	Tom Campbell	chair@mtts.ieee-bv.org
Power and Energy	Bridge Carney	bcarney@ieee-bv.org
Robotics	Bob Rumer	rrumer@callutheran.edu

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
Communications
Computer
Engineering in Medicine and Biology



IEEE BUENAVENTURA SECTION