APRIL 2014 NEWSLETTER

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# EVENTS

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<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td><strong>Wednesday</strong></td>
<td></td>
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</tr>
<tr>
<td>9th April</td>
<td>6:30PM</td>
<td>RAS/CAS</td>
</tr>
<tr>
<td>Follow Your Heart in Your Career: The Perspective from a Transformational Engineer</td>
<td>Speaker: David Collins, EE, Life Senior Member</td>
<td></td>
</tr>
<tr>
<td>Location: Rm 100, Ahmanson Science Center Aud. CLU campus, 60 Olsen Road, T.O., CA</td>
<td>RSVP: Doug Askegard at <a href="mailto:dougaskegard@ieee.org">dougaskegard@ieee.org</a></td>
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<tr>
<td><strong>Thursday</strong></td>
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<tr>
<td>10th April</td>
<td>3:30 PM - 7:00PM</td>
<td>Dedicated to the national defense By SAME</td>
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<tr>
<td>2014 Business Opportunities/Sustaining Members’ Forum</td>
<td>Location: Seabee Museum located at 1001 Addor Street adjacent to the Naval Base Ventura County (NBVC) Port Hueneme site. Please RSVP by filing form in the main article to (805) 982-2918 or e-mail it to LT Chris Fairfield at <a href="mailto:chris.fairfield@navy.mil">chris.fairfield@navy.mil</a></td>
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<tr>
<td><strong>Sponsorship Deadline – APRIL 11th!</strong></td>
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<td>SAME (Society of American Military Engineers) Oxnard/ Ventura</td>
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<tr>
<td><strong>Golf Tournament (April 25th), Friday</strong></td>
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<td>19th Annual SAME Golf Tournament</td>
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<tr>
<td><strong>IEEE USA</strong></td>
<td>8:30AM-4:00PM</td>
<td>Join Us for a Full-Day Consultants Workshop</td>
</tr>
<tr>
<td>Where: DeVry University's Pomona Campus (Pomona, Calif.)</td>
<td>Register today! at <a href="https://meetings.vtools.ieee.org/meeting_view/list_meeting/24077">https://meetings.vtools.ieee.org/meeting_view/list_meeting/24077</a></td>
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<td>Topics will include: Improving your networking skills, Legal Concerns for Consultants? How to find clients and entrepreneurship</td>
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<tr>
<td><strong>Wednesday</strong></td>
<td>7 PM</td>
<td>EMBS</td>
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<tr>
<td>Early Physical Diagnosis of Alzheimer's Disease using smartphones in telemedicine networks. Boguslaw Kuszta, Center for Clinical Neuroengineering in Lublin, Poland</td>
<td>Location: CLU - Ahmanson Science Building, Contact: Steve Johnson, <a href="mailto:sfjohnso@ieee.org">sfjohnso@ieee.org</a></td>
<td></td>
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<tr>
<td><strong>Monday</strong></td>
<td>6:30 PM</td>
<td>OpCom</td>
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<tr>
<td>Operating Committee Meeting 6:30 pm China Buffet, Thousand Oaks</td>
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Membership News

Hi Everyone!

Please join me in welcoming our latest members to the IEEE:

- Iradj Shahriary
- John Maxwell
- Michael Laverty
- Sami Alharthi
- Sandra Suttiratana
- Sarah Suttiratana
- Sultan Alenezi
- Zoe Hay

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
IEEE Buenaventura Section Chair 2014

Section News

Computer Society

The Computer Society Chapter is seeking new volunteers for officers and presentations. Please contact Craig Reinhart, CS Chapter Chair to volunteer or to speak at an upcoming meeting.

-- Craig Reinhart
CS Chair
craig@ieee-bv-cs.org
JOB OPPORTUNITIES

Software Manager, Alfred Mann Foundation (www.aemf.org), Valencia

10 years experience with management. Prefer medical device or regulated industry.

Quality Engineer at Second Sight, Sylmar
Two position for experienced Quality Engineers with medical device experience. One position focused on quality systems and the other is for a Principal Engineer.

CLINICAL PROJECT MANAGER at Alfred Mann Foundation. Must have device experience.

Product Managers, Bioness (www.bioness.com), Valencia
Two product manager positions, one focused on technology and the other strategy. Travel is required and must be experienced with medical devices.

Contact Pat Jacobs -- 805-579-0630 pat.jacobs@advancedpersonnelprofiles.com

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.
Follow Your Heart in Your Career:
The Perspective from a Transformational Engineer

Speaker: David Collins, EE, Life Senior Member
Date: Wednesday, April 9, 2014
Time: 6:30 pm pizza meet & greet; 7:00 pm Talk
Location: Rm 100, Ahmanson Science Center Aud.
    CLU campus, 60 Olsen Road, T.O., CA
RSVP: Doug Askegard at dougaskegard@ieee.org

Talk Description: Society's problems have become multidisciplinary in nature. In our
journey to solve them, we have discovered other disciplines that hold part of
the solution that we need to implement. Exposure to new fields of knowledge leads us to
branches in our career paths. There is the safe path and there is the path that
leads to who knows where. There is a linear solution and a non-linear solution to
which path to choose. David Collins has been at these crossroads inviting him to
take new roads with unknown destinations. This journey led David to become
a transformational engineer, an emerging discipline of engineering that leading
universities have added to their curriculum. David Collins will show that there is no
"correct" path. The lesson he has learned is to allow yourself to follow your heart to
build your future.

David Collins, EE, IEEE Life Senior Member has advanced the art of engineering over 45 years in several
technical disciplines including aircraft and space systems, amusement ride mechatronics and robotics, industrial
automation systems, optical systems, alternative energy systems and computers to name a few. Mr. Collins is a
recognized translational engineer, technical innovator, and skilled project manager in advanced tactical systems
development and POC testing, ECM systems development and flight test, decoy and deception systems
development, space flight controller system design, spacecraft sensor system design, advanced color HUD camera
system development, fail-to-safe sensor applications, airborne and shipboard
test management, medium power laser systems development, laser-based
sensor system evaluation, air-vehicle health monitoring sensor investigation,
motion simulator systems development, application of theory of constraints for
system optimization, and specifications and standards compliance analysis.
David Collins is Principal of TEAM IX, a firm established to provide design,
development, commissioning, operational and maintenance training for a
number of worldwide clients. David Collins is a Senior Member and a Life
Member of IEEE. TEAM IX also provides independent, forensic assessment
and expert testimony in amusement ride related matters.

Parking: Do not park in the faculty/staff lots. Free parking is available in the
visitor lot at the corner of Olsen Road and Mountcleft Boulevard. Alternatively, CLU Public Safety has provided us
with parking passes for on street parking.
You are cordially invited to attend the 2014 Business Opportunities/Sustaining Members’ Forum to be held Thursday, April 10, 2014, 3:30 PM to 7 PM at the Seabee Museum located at 1001 Addor Street adjacent to the Naval Base Ventura County (NBVC) Port Hueneme site.

Ten agencies have been invited to present their 2014 Capital Projects Program. These agencies are listed at the bottom of the invitation. Refreshments will be served beginning at 3:30 PM and the presentations will begin promptly at 4 PM. Beginning at 6 PM, the Oxnard-Ventura Post will host a social networking hour with hors d’oeuvres and spirits where you may meet the presenters face to face and obtain more detailed information.

The Seabee Museum is located just north of the NBVC Port Hueneme site Sunkist Gate off North Ventura Road. Parking is free at the museum and no base access is required. Please plan on arriving by 3:45 PM.

Please RSVP by completing and faxing this invitation to (805) 982-2918 or e-mailing it to LT Chris Fairfield at chris.fairfield@navy.mil, (805) 982-2883.

Name_________________________Organization_____________________________

Telephone No.________________Fax No.______________________________

Email_________________________________________________________________

Camarillo, City of Oxnard, City of Port of Hueneme
Port Hueneme, City of San Buenaventura, City of United Water Conservation District
Simi Valley, City of Thousand Oaks, City of Ventura County Military Bases
Ventura, County of USACE Los Angeles District Moorpark, City of
19th Annual SAME Golf Tournament
SPONSORSHIP COMMITMENT FORM

Friday – April 25th, 2014
Seabee Golf Course, Naval Base Ventura County, Port Hueneme, California
The shotgun tournament will begin at 9:00am, Registration begins at 7:30am

☐ Tournament Partners Package ($1000)
  - Tournament fees for a Foursome of golfers.
  - Golf hole sponsorship, to include your firm’s sign on a tee box.
  - Public recognition at the lunch following the tournament.
  - Special recognition in the advertising used to promote the tournament

☐ Tournament Sponsors Package ($750)
  - Tournament fees for a Foursome of golfers.
  - Golf hole sponsorship, to include your firm’s sign on a tee box.
  - Public recognition at the lunch following the tournament.

☐ Super Donor Package ($500)
  - Tournament fees for a Foursome of golfers.
  - Public recognition at the lunch following the tournament.

☐ Golf Hole Sponsor Package ($100)
  - Golf hole sponsorship, to include your firm’s sign on a tee box

☐ Tournament Registration ($80 per person)
  - Includes 18 holes, golf cart, breakfast, lunch, and chances to win great prizes!

☐ Straight Donation (Any amount appreciated)
  - Public recognition at the lunch following the tournament.

Contributions and donations are fully tax deductible
100% of proceeds benefit SAME scholarship fund
SAME Tax ID#: 95-6096022

Deadline is April 11th, 2014

Wanted!!!
Door Prizes!
We welcome fun pens, koozies, ball caps, golf balls, or anything else you would like to contribute. You need not be a participant or a sponsor to contribute prizes, with or without your company logo.

Please contact LTJG George Fischer @ George.fischer@navy.mil or (937) 829-3142

Please send form and donation to:
LTJG Alex Rovinsky
SAME Ventura-Oxnard Post
P.O Box 4377
Port Hueneme, CA 93043
alexander.rovinsky@navy.mil
805-982-4029
Join Us for a Full-Day Consultants Workshop

Where: DeVry University’s Pomona Campus (Pomona, Calif.)
When: 12 April 2014 | 8:30 AM - 4:00 PM (US PST)

The IEEE-USA Alliance of IEEE Consultants' Networks Coordinating Committee is collaborating with the IEEE Consultants Network of Orange County/Los Angeles Area Consultants Networks to bring to the Southern California area a full-day workshop that will cover a range of issues that will interest consultants. Topics will include:

- Improving your networking skills
- Legal Concerns for Consultants?
- How to find clients and entrepreneurship

This full-day workshop will also include a closing panel discussion featuring engineering consultants who will address any final questions from workshop participants. The workshop will take place at DeVry University’s Pomona Campus on Saturday, 12 April 2014. Cost for this workshop will be $40.00 for IEEE members. Registration Fee for students will be $20.00 and $60.00 for non-members. Register today! at https://meetings.vtools.ieee.org/meeting_view/list_meeting/24077

8:30am – 9:00am Registration, Coffee and Muffins
9:00am – 9:10am Welcome & Opening Remarks
9:10am – 10:00am How to Stimulate and Hone your Networking Skills
10:10am – 11:00am Being an Engineering Consultant: What Does it Take?
11:10am - 12:00pm Intellectual Property and Potential Legal Concerns
12:00pm – 1:00pm Lunch & Networking (included with registration fee)
1:00pm – 1:50pm How to Find Clients Using Networking and Internet
2:00pm – 2:50pm Start-up Tactics
3:00pm – 4:00pm Closing Panel Discussion - Ask the Consultants

Bill Grist, IEEE-USA Alliance of IEEE Consultants Networks Coordinating Committee; Hermann Amaya, IEEE-USA Alliance of IEEE Consultants' Networks Chair; Wes Masenten, IEEE Consultants Network of Orange Co. CA, Chair; Kip Haggerty, PhD, PE, 20-year LAA/OCCN Member/past Officer
Gary Blank, 2014 IEEE-USA President
Early Physical Diagnosis of Alzheimer's Disease using smartphones in telemedicine networks
Boguslaw Kuszta, Center for Clinical Neuroengineering in Lublin, Poland

Wednesday, April 30 2014 7 PM

CLU - Ahmanson Science Building

In order to successfully fight Alzheimer's Disease (AD), it is necessary to diagnose a person's predilection towards the disease, approximately thirty years in advance, prior to any clinical symptoms. Anyone who has increased risk factors for the disease should perform such a diagnosis.

The diagnosis is performed by measurement of a single drop of blood drawn from a person's finger. However, the process needs to be performed over 30-45 consecutive days. The most practical solution is to perform the measurements at home using a sensor that is connected to a home computer, or a smartphone. All the necessary technological tools already exist, and such a method of testing is widely accepted by the public via blood sugar testing by diabetics. The only missing component is the organization of a telemedical network.

Boguslaw Kuszta Ph.D., D.Sc.

Boguslaw Kuszta, Ph.D., D.Sc. taught electronics and control theory at Warsaw Technical University, Poland, 1968-1975. In 1980 he came to California Institute of Technology, Pasadena, CA, as a Visiting Faculty and in 1988 he became a Director of Undergraduate Laboratory in Chemical Engineering Department, Caltech. Dr. Kuszta retired at 2002 but three years later became the Director of the Center for Clinical Neuroengineering in Lublin, Poland.

Meeting Site: California Lutheran University

100 Ahmanson Science Building,
60 West Olson Road, Thousand Oaks
Meetings are free, open to the public

Dinner: Available at 6 p.m. for $10 payable at the door, no RSVP needed.

Parking: In general, visitor Parking is no longer permitted before 7 p.m. on Memorial Parkway and adjacent street. However, CLU Public Safety has provided us with parking passes to download and use.

Contact: Steve Johnson, sfjohnso@ieee.org

Our Sponsors: California Lutheran University, IEEE EMB Society, Alfred Mann Institute, MicroJoining Solutions, IEEE Buenaventura Section, Amgen Foundation
RSVP Required: Please register by Monday, April 7 so that we can provide an accurate count of the number of meals needed. Pay online by credit card or PayPal or at the door by cash or check.

The 59th Annual Santa Barbara Science Fair: Winners in 2014
A goal of the Santa Barbara Science Fair is to stimulate students to take an active interest in the study of engineering and science by initiating and completing projects of their own choosing. The SEC and its members fully support this event, and we are pleased to recognize the Science Fair winners and their mentors.

Introductory remarks by Richard Schapker, SEC Science Fair Chairman

WINNERS LIST - 59th Annual S.B. County Science Fair (March 7, 2014)
Prizes awarded by the Science & Engineering Council of Santa Barbara, Inc.

This meeting is sponsored in part by Reicker, Pfau, Pyle and McRoy, Attorneys
For information about the Science & Engineering Council.
visit the SEC web page at http://www.scieng.org

Our meetings are held at the Santa Barbara Elks Club at 150 N. Kellogg Avenue, just off Calle Real in Goleta. Please park on the mountain side of the Elks building and use the front door. SEC meets in the first room to the left. When you RSVP, you can choose either the hot meal option or an endless salad and soup bar. (If you do not RSVP, you may be limited to the salad bar option only.) Both options include drinks and dessert.
FREE webinar titled - Job Seeker or Opportunity Magnet?


IEEE Spectrum has offered a dedicated recruitment advertising section in the print magazine since 1964. The Publications team thought it was now time to provide engineers-to-be and new engineers their own annual digital publication to help with the ever-changing world of the job hunt. This publication will also provide a great refresher for those engineers who are jumping back in to the job hunt game as well. To access the digital publication you can either download the PDF version or view it in your browser. In addition to the new digital publication, IEEE Job Site will be hosting a FREE webinar titled - Job Seeker or Opportunity Magnet? - to help you obtain all the necessary tools you’ll need to confidently go out into the job market and land your ideal job.

In this 45 minute presentation you will learn:
· Why most job seekers waste huge amounts of time and what you can do differently
· Where top companies hunt for talent and what you can do to help catch their attention
· Three simple job search strategies that consistently deliver exceptional results
· One powerful mindset shift that will set you up for lifelong career success
· What really distinguishes an opportunity magnet from a job seeker – and how you can become one

As a special offer to attendees* of this upcoming Webinar, we’re offering a free downloadable edition of Michael’s book - Purple Squirrel: Stand Out, Land Interviews and Master the Modern Job Market.

For more information, check out the webinar website. To register for the “Job Seeker or Opportunity Magnet?” Webinar, visit the registration page.

Please be sure to share this important information by simply forwarding this message. Also feel free to take advantage of this opportunity for yourselves.

* You must attend the actual Webinar in order to obtain the Promo Code for your free downloadable edition of Purple Squirrel: Stand Out, Land Interviews and Master the Modern Job Market. Download available on various eReaders (Kindle, Nook, ePub, Mobi, and LRF formats). Also can be read on DropBox.
# Buenaventura Section and Chapter Info

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<thead>
<tr>
<th>Section Office 2012</th>
<th>Name</th>
<th>E-Mail</th>
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</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Bridgeman Carney</td>
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</tr>
<tr>
<td>Vice-Chair</td>
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<td>Treasurer</td>
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</tr>
<tr>
<td>Secretary</td>
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<tr>
<td>Programs and Events</td>
<td>Ross Kocen</td>
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<tr>
<td>Awards Chair, Member Development, PACE Events Chair</td>
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</tr>
<tr>
<td>Historian</td>
<td>Doug Askegard</td>
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<td>Past Chair</td>
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</tr>
<tr>
<td>Sr. Representative, LA Council</td>
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<td>Representative, LA Council</td>
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<tr>
<td></td>
<td>Karl Geiger</td>
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<td>Gaurav Mahajan</td>
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<tr>
<th>Chapter</th>
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<th>E-Mail</th>
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<tbody>
<tr>
<td>Aerospace</td>
<td>Momin Quddus</td>
<td><a href="mailto:mominq7@yahoo.com">mominq7@yahoo.com</a></td>
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<tr>
<td>Communications</td>
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<td>Sunil Pai</td>
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<tr>
<td>Engineering in Medicine and Biology</td>
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<td>Life Members Affinity Group</td>
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<td>Microwave Technology and Techniques</td>
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<tr>
<td>Power and Energy</td>
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<td>Robotics</td>
<td>Bob Rumer</td>
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Also be sure to check the Section’s websites for the latest updates: