



IEEE BUENAVENTURA SECTION

Your November 2013 Newsletter

Wed 13 Nov.	ComSoc	Writing Software for Consumers and Employers using LiveCode <i>Bill Vlahos</i> 6:30 - 8:00 PM Richter Hall, Ahmanson Science Center California Lutheran University Register/Info: http://j.mp/16HA3X7	SECTION SPONSORS   Ciao Wireless, Inc.    Advanced Personnel Profiles  The IEEE
Wed 20 Nov.	EMB	Speed Date Your Venture Capitalist <i>Bob Blackstock, Jerry Knotts, Kouros Azar M.D., Greg Cauchon, PhD</i> Wednesday, November 20, 2013 7 PM CLU - Richter Hall, Ahmanson Science Building - co-sponsored by the Buenaventura Section Life Member Affinity Group Meeting Site: California Lutheran University 100 Ahmanson Science Building, 60 West Olson Road, Thousand Oaks	
Mon. 25th Nov.	OpCom	Operating Committee Meeting 6:30 pm China Buffet, Thousand Oaks	

Membership News

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

- Kyle Richard Hasan
- David Edward Castro
- Hernan Cosi
- Jonathan David Lindberg
- R. Ryan Vallance
- Sam Rice
- Sariah Leah Walz
- John Choe
- Moonmoon Akmal
- Richard A Wooster
- William Lyle Reynolds
- Kevin Wang



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 2013-

Buenaventura's Fall Event, Making Technology that makes the Movies, was an evening to remember!

Our Fall event was special for many reasons. Our special guest, Jonathan Erland and his team from Composite Components Company and AMPAS, presented the highlights of origins of movie making and the technology and special effects that have given us the movies we see today.

During the presentation, a \$15 Apple connector failure caused a lengthy delay. Fortunately for the great majority of audience, which stayed throughout the evening, Mr Erland took this opportunity to engage with the audience in an in-depth question and answer period during which Jonathan spoke of his personal experiences in the development of some movies he had worked on including Star Wars.

As a very special treat for the presentation, a prototype module fitted to a commercial movie projection system, was setup into the Westlake Village Inn meeting room, by a team from Fotokem. This, and the custom 10x16-foot screen, allowed Mr. Erland to show high frame rate examples of 120-frame speed in what was the first time demonstration ever shown in public.

Job Opportunities



Systems Integration Test Engineer, Alfred Mann Foundation (www.aemf.org), Valencia

3+ years of automated system testing. Experience with C/C++, Java, MATLAB and good knowledge of testing equipment. Develop test automated test system for V & V.

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

Electrical Engineer, Alfred Mann Foundation (www.aemf.org), Valencia

BSEE, 3-5 years experience with analog and digital design and development of prototypes. Inductive power & communication experience a plus.

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

Quality Engineer at Second Sight, Sylmar
Quality Engineer with medical device and quality systems experience.

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

Sr. Software – Second Sight (www.2-sight.com), Sylmar

Extensive experience developing web applications with Javascript. Prefer Javascript, node.js, HTML5, CSS3, AJAX, socket.io, JQuery, JSON, MATLAB & Subversion

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

FIELD CLINICAL, CLINICAL RESEARCH ASSOCIATE & CLINICAL PROJECT MANAGER

Job openings at Bioness, Alfred Mann Foundation and Second Sight. Must have device experience.

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

Volunteering Opportunity at CLU's annual FIRST Lego League Robotics Tournament

We Need Your Help!!!

Can you volunteer at CLU's annual FIRST Lego League Robotics Tournament?

When: Sunday, 11/24, from 8:00am to 6:30pm. We can use all-day help as well as 3 or 4 hour shifts, whatever works for you.

Where: CLU's Gilbert Sports and Fitness Center.

What: This is a qualifying tournament for 28 Southern California FIRST Lego League (FLL) Robotics teams to compete to see who advances to the regional competition. FLL participants are ages 9-14 (4th-8th grade). FLL is an international non-profit organization with over 20,000 teams and almost 250,000 students. Pre-programmed robots compete by completing tasks to gain points. But teams are also judged on their design, on their invention, and how their team exemplifies the Core Values of the program. The theme this year is "Nature's Fury" about natural disasters.

Why: The goal is to engage students in a fun activity where they can use their math and science. Hopefully they will gain interest in pursuing math, science, and engineering careers.

How: The all-day tournament is a crazy event with about 200 students, 28 teams, 100 coaches and parents, and over 120 volunteers!

It is a lot of fun! This is an all-volunteer event which is a lot of fun.

Opportunities for volunteering:

Judging: All day (8:00am-6:30pm) No experience necessary and it is a LOT of fun. Training is at 8:00. The competition is from 10:00-5:00. Afterwards you will help determine the winners and hand out awards at the closing ceremony. You will be paired with an experienced judge.

General Volunteering: 3 or 4 hour shifts to help out with timing, herding teams between activities, and serving food, etc.

Please contact Bob Rumer, rrumer@callutheran.edu, [805-377-8369](tel:805-377-8369)

Contact Pat Jacobs -- 805-579-0630

pat.jacobs@advancedpersonnelprofiles.com

Sr. Mechanical Engineer – Bioness
(www.bioness.com), Valencia

5+ years experience, 3D CAD software, vendor management, mechanical design. 20-30% travel. Medical device preferred.

Contact Pat Jacobs -- 805-579-0630

pat.jacobs@advancedpersonnelprofiles.com

CEO – San Diego

Start-up medical device company. Medical device and fund raising experience required. Great equity opportunity.

Contact Pat Jacobs -- 805-579-0630

pat.jacobs@advancedpersonnelprofiles.com

Imaging Lab – Systems Administrator ***Academy of Motion Pictures,*** ***Arts & Sciences.***

Job Summary:

The Imaging Lab Systems Administrator works in the Science and Technology Council under the supervision of the Associate Director, Science and Technology Council. Primary duties include equipment maintenance, calibration and project partner support within a highly critical imaging research laboratory environment.

Duties and Responsibilities:

- Software documentation and auditing.
- Internal Network documentation, maintenance and general systems administration.
- Laboratory equipment logistics, maintenance and calibration coordination.
- Maintaining accurate records of system status and writing regularly updated reports.
- Working and communicating with Academy staff, Academy members, film industry professionals and outside organizations on Council research activities.
- Computer/storage backup strategy development and implementation
- Scheduling of Laboratory and Workshop access.
- Asset tracking and status.
- Application software updates and patches.

Qualifications and Requirements:

- Solid scripting and programming knowledge - experience with C++, Python and Perl.
- Experience with network storage

Connect with us on Facebook!

IEEE BV is now on Facebook, connect with us on Facebook to get updated on our events and latest happenings in and around the Ventura County!

<https://www.facebook.com/IEEEofVenturaCounty>



Seeking Website Editor

Past Chair, current Secretary, and Newsletter/Website editor Karl Geiger has relocated to Redwood City in the Bay Area. Consequently, we're looking for assistance with the Website.

The website requires about 6-8 hours per month time commitment. Karl will train and guide the new editor through the end of 2013.

Working with your fellow IEEE members to get the work out about Buenaventura, neighboring section, and sibling professional organizations is a great way to network. Contact Karl or Bridge about this role.

-- Bridge Carney
Chair, IEEE-Buenaventura 2013-

architecture design and implementation.

- Skill in reading and composing correspondence and reports in English.
- Experience with standard MS Office suite - Microsoft Project experience is desired.
- Ability to establish and maintain cooperative working relationships with Academy staff, laboratory personnel, Academy members, industry professionals, and visitors.
- Ability to lift at least 25 lbs.
- Bachelor's Degree in Computer Science, Mechanical Engineering, Electrical Engineering or equivalent.
- Minimum of 2 years' experience in project management desired.
- Good knowledge of Linux.
- Familiarity with Matlab is a plus.

To Apply:

Please submit your cover letter and resume to: jobs@oscars.org

Indicate **Imaging Lab – Systems Administrator** in the subject line.



Michael Sterling
Associate Director,
Science and Technology Council

1313 Vine Street
Hollywood, California 90028
310-247-3000 x3404
310-247-3032 fax
msterling@oscars.org



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.



Buenaventura Section Receives Outstanding Section Award, and banner marking 50th anniversary!



Luis Carbajo and Doug Askegard, co-chairs of Southern Area, present the 2013 IEEE Region 6 Outstanding Section Award for Southern Area to Bridge Carney, chair, receiving the award on behalf of Buenaventura Section. Buenaventura Section also received a banner commemorating the 50th anniversary of the Section which was officially formed on April 22, 1963. The award and banner were presented at the Region 6 Southern Area Fall meeting held on the campus of UCLA on October 5, 2013.

The citation on the Buenaventura Section Award reads:

For outstanding outreach to its members and the non-technical community through symposiums, journalistic coverage of local companies, and media involvement programs.

Congratulations to the officers and members of Buenaventura Section on this award of recognition and on 50 years of serving its members and the community.

Upcoming IEEE Buenaventura Section Events

IEEE Buenaventura Section - Computer Society Chapter Presents

File Edit Tools Objects View Window Help

Writing Software for Consumers and Employers Using **LIVE CODE**TM with **Bill Vlahos**

ABSTRACT

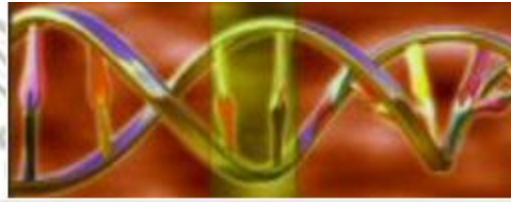
Many jobs in the IT field can be greatly enhanced if you know how to write software or scripting. LiveCode (livecode.com) is a 4th generation rapid application development environment that works on Macintosh, Windows, and Linux, can build executable applications for Macintosh, Windows, Linux, iPhones, iPads, and Android. LiveCode syntax is very English-like and easy to understand yet it can make very powerful and fast compiled applications. **Bill Vlahos** will talk about how writing software using LiveCode and how that can benefit you as an employee.

SPEAKER BIO

Bill Vlahos has most recently been IT Manager and Network Manager at AeroVironment for 10 years and in various IT positions at the Jet Propulsion Laboratory for 13 years before that. He has written the commercial consumer software application **InfoWallet**(infowallet.com), the LiveCode IDE Task List plugin **lcTaskList** (livecode.com/store/marketplace/) and many in house applications using the LiveCode software development platform.

Date: November 13, 2013, Wednesday
Refreshments and Networking: 6:30PM
Presentation: 7: 00PM

Location: Richter Auditorium, Ahmanson Science Center
California Lutheran University
60 West Olsen Road, Thousand Oaks, CA 91360



Speed Date Your Venture Capitalist

Bob Blackstock, Jerry Knotts, Kouros Azar M.D., Greg Cauchon, PhD



Wednesday, November 20, 2013 7 PM

CLU - Richter Hall, Ahmanson Science Building - co-sponsored by the Buenaventura Section Life Member Affinity Group

Innovation and entrepreneurship is alive and well on the California Coast!

While creativity produces great ideas, it takes funding to bring them to fruition. Our speaker event brings together two inventors and two venture capitalists in a session that will illustrate the kinds of discussions that take place to get ideas off the ground.

Bob Blackstock, Jerry Knotts, Dr. Kouros Azar, Greg Cauchon, PhD

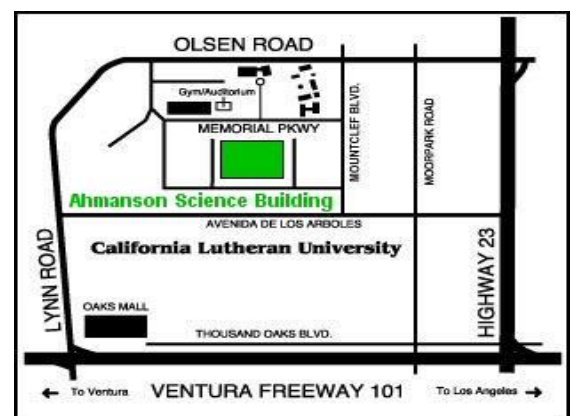
Bob Blackstock is the director of Laminar Sciences, Agoura Hills. Kouros Azar M.D. is an engineer and surgeon practicing in the Conejo Valley. Jerry Knotts is the President/CEO of the California Coast Venture Forum. Greg Cauchon is the director of the Ventura BioCenter in Thousand Oaks.

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



It's Award Nomination Time

Each year, your Buenaventura Section officers solicit nominations from its members to recognize individuals and entities that have provided outstanding service or support to the Section, or to the communities within the Section's geographical boundaries.

The categories for award nominations are:

- Outstanding Engineer – This Award is designed to recognize IEEE members of your Section who, through their technical abilities, have made outstanding contributions to their profession.
- Outstanding Leadership and Professional Service – This Award is designed to recognize IEEE members of your Section who through their professional and technical abilities have made outstanding and noteworthy contributions to the IEEE, their communities, fellow professionals, and humanity
- Outstanding Corporate Service to Engineering Community - Organizational awards are provided to those companies, or divisions of a company that encourage volunteerism through its practices enabling IEEE volunteers to do their job or permitting free or discounted use of company resources.
- Outstanding Chapter – This award is designed to recognize the outstanding IEEE Chapter or Affinity Group based on its success in carrying out the objectives of the IEEE through the implementation of programs or meetings that engage their technical members.
- Outstanding Educator - This Award is designed to recognize IEEE members of your Section, or non-members within the Section, who, through their education activities, have made outstanding creative learning experiences for their students.
- Outstanding Engineering Manager - This Award is designed to recognize IEEE members of your Section who, through their leadership of technical activities, have made outstanding contributions to their profession.

In previous years, this nomination and award activity had changing due dates and the award presentations came very late in the year. That is changing for the 2014 Awards with Feb 1, 2014 presentations

Nominations are due to your Section Award Chair by Nov 17, 2013

Christian Ziegler - christian.ziegler@IEEE-BV.ORG

Please contact Christian for the nomination form! Thank you.



IEEE BUENAVENTURA SECTION

Buenaventura Section and Chapter Info

<u>Section Office 2012</u>	<u>Name</u>	<u>E-Mail</u>
Chair	Bridgeman Carney	bcarney@ieee-bv.org
Vice-Chair	Albert Wolfkiel	awolfkiel@ieee-bv.org
Treasurer	Zak Cohen	zcohen@ieee.org
Secretary	Karl Geiger	karl@ieee-bv.org
Programs and Events	Ross Kocen	events@ieee-bv.org
Awards Chair	Christian Ziegler	awards@ieee-bv.org
Member Development		
PACE Events Chair		
Historian	Doug Askegard	dougaskegard@ieee.org
Past Chair	Karl Geiger	karl@ieee-bv.org
Sr. Representative, LA Council	Bridgeman Carney	bcarney@ieee-bv.org
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	Karl Geiger	
	Gaurav Mahajan	

<u>Chapter</u>	<u>2013 Chair</u>	<u>E-Mail</u>
Aerospace	Momin Quddus	moming7@yahoo.com
Communications	David Pehlke	chair@comsoc.ieee-bv.org
Computer	Craig Reinhart	reinhart@callutheran.edu
Electron Dev./Circuits and Systems	Sunil Pai	chair@edcas.ieee-bv.org
Engineering in Medicine and Biology	Bob Rumer	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/>

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