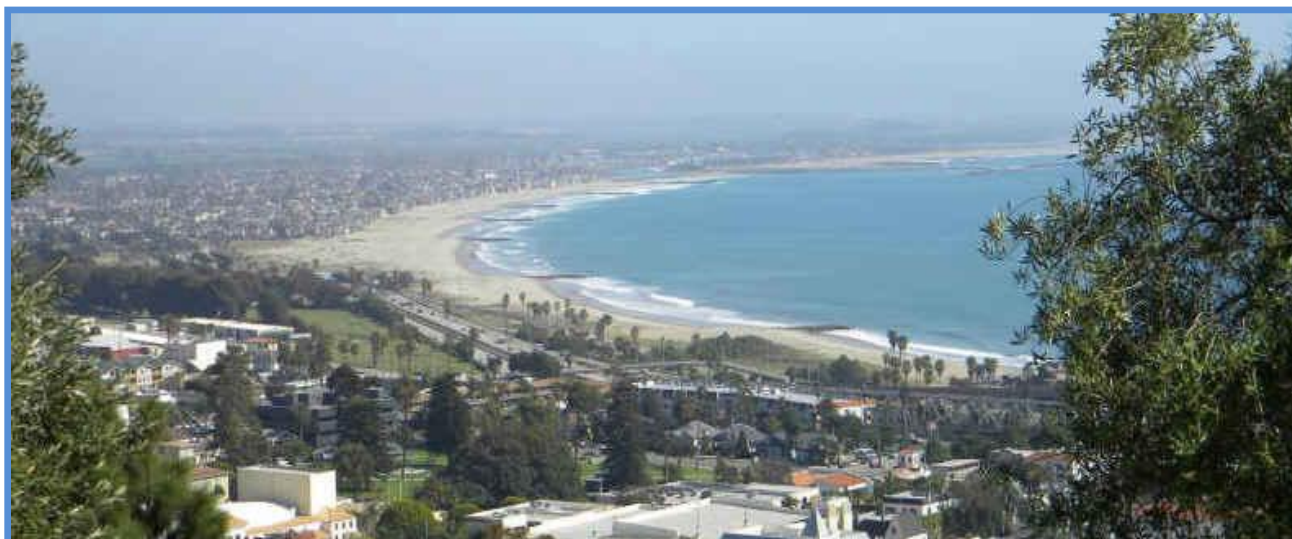




IEEE BUENAVENTURA SECTION

OCTOBER 2014 NEWSLETTER



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Ciao Wireless, Inc.



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EMBS - ieee-bv-embs.org aka embs.ieee-bv.org

Communications - comsoc.ieee-bv.org

Join Our **Facebook Page!** - facebook.com/IEEEofVenturaCounty

EVENTS

Wednesday 8th October 6:30 PM	RAS-IAS	Robotics and Automation in Terrain Model Fabrication Dr. Mark Fisher, Solid Terrain Modeling Inc. Contact: dougaskegard@ieee.org Location: CLU, Ahmanson Science Building
Wed & Fri 8th & 10th Oct 12:30PM- 2:00PM	CLU Huddle Entrepreneu rship Center	Technology ‘Meetups’ Drones Meetup - Wednesday 8th October Ruby-on-Rails Meetup - Friday 10th October Location: 31416 Agoura Rd #109C, Westlake Village, CA 91361
Thursday 16th October 11:30AM	SAME	Shore-based Power for Ocean Going Vessels Presenter: Mr. Chris Birkelo, Port of Hueneme Location: Tacos Jalisco’s, 271 E Channel Islands Blvd, Port Hueneme, CA
Friday 24th October 7:30Am- 3:30AM	Coastal LA	Coastal LA Presents CLASTECH Symposium and Exhibition Antenna and Microwave Technology (Preliminary) There will be exhibition with local and national vendors Location: Hacienda Hotel, El Segundo, CA
Wednesday 29th October 7 PM	EMB	Health Informatics’ Impact on the Continuum of Care of a Patient Following the Patient End to End during an Hospital Visit and Stay: Gary Hutchinson, CEO of ThelioPulse Location: CLU, Ahmanson Science Building Contact: Steve Johnson, sjohnso@ieee.org
Thursday, 6th November 6:30 PM	Upcoming Special Event!	New Views from Neuroscience on THE BRAIN Implications for Educaiton, Jobs, Leadership and Life A French Evening Hors D’oeuvres Buffet Location: Huddle Campus, CLU, 31416 Agoura Rd #109C, Westlake Village, CA 91361
Friday 7th November 2-6 PM	AUVSI Channel Islands	1st Annual Micro Symposium Unmanned Systems- Education and Future Needs Location: CSUCI , North Quad Grad Salon
Monday 27th October 6:30 PM	OpCom	Operating Committee Meeting 6:30 pm Pickles Deli, Newbury Park

MEMBERSHIP NEWS

Hi Everyone!

I would like to take this opportunity to encourage all our new and existing members to browse through IEEE to get acquainted with all the member activities and benefits if you haven't already.

There were some really good events with very enthusiastic participation last month and a good lineup of events coming up for this month. Please also check out our Special Event on The Brain- Implication for Education, Jobs, Leadership and Life in following pages.

This year in August 2014 we have added 68 members which is 25% more than member who joined us in August 2013. For the Prospective members who will also like to join the IEEE local chapter and get involved, New members who join now not only get membership through the end of 2015, they also get **\$25 off their first year dues**. The discount only applies to first-year dues, and is not applicable toward student membership.

http://www.ieee.org/membership_services/membership/join/mga2013mv.html?utm_campaign=IEEE+Membership+2014+-+2015+--+Branded

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.

**--- Albert Wolfkiel
IEEE Buenaventura Section Chair 2014**

News - EDCAS Comsoc Chapter Meeting on 9-17-14



Spintronic Integrated Circuits : Future of Electronics

Sept. 17th, Skyworks: Dr. Seung H. Kang, Director of Engineering at Qualcomm presented a interesting lecture on Spintronics Integrated circuits at joint meeting of EDCAS, COMSOC and LMAG chapters. According to Dr. Kang, Spintronics technology has the potential to increase memory density by a multiple of >4. In addition the density of electronics circuits may also be increased in the future.

The meeting was held in the Skyworks Auditorium in Newbury Park. It was a well attended meeting. Pizza and Drinks were served , courtesy of IEEE Chapters.

-Momin Quddus, Chair, EDCAS Chapter

News - EMB Chapter Meeting on 9-24-14

Attendees were sitting in the aisles – very interesting talk by Dr. Bajaj, VP of Technology, Teledyne Imaging Systems in Camarillo – talk was on sensors in UAV's to facilitate Precision Agriculture. Attendance was boosted by publication of the meeting in the VC Star . Some moments from the event are as follows:

The success of the event is attributed to alignment of many positive things (fantastic premium setting at CLU, three chapters joining forces together, wonderful hospitality from Craig, Bob, Abby who are teaching at CLU, delicious and abundant buffet dinner, great speaker, fascinating topic, fun fun fun audience, great warm up of the audience with the pre-show, Bob's intro and Evan's intro of the speaker, effective outreach through your channels to the IEEE world and great advertising through the media to reach to the general public)

LANCE OROZCO, KCLU, INTERVIEWS DR. BAJAJ IN THE QUIET SPACE OF THE AUDITORIUM PRIOR TO THE BEGINNING OF THE EVENING – INTERVIEWED ARRANGED BY VICKY



FULL AUDITORIUM – BEAUTIFUL REPRESENTATION OF STUDENTS



PAT JACOBS AND VICKY, SAMPLING THE GENEROUS FANTASTIC BUFFET ARRANGED BY ABBY.



BOB RUMER, CHAIR OF EMBS GETS AN OVERVIEW OF THE PRE-SHOW THAT RYAN DESIGNED FOR THE EVENING



FIRST TIME GUESTS CHATTING WITH DR. BAJAJ



DR. BAJAJ AND DOUG, CHAIR OF THE RAS/IAS CHAPTER, CHAT WITH ONE OF OUR VISITORS



JOB OPPORTUNITIES

APP

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

- ✚ **2 Quality Engineers needed at Second Sight, Sylmar**
Experienced Quality Engineers with medical device experience. Positions focused on CAPA/ETQ and **Principal Engineer**.
- ✚ **Sr. Regulatory Affairs Specialist**
Bioness (www.bioness.com), Valencia
Experience with IDEs, PMAs, 501(k)s, FDA and foreign regulatory submission.
- ✚ **Director, Regulatory Affairs at Alfred Mann Foundation, Valencia**
The Director of Regulatory Affairs will play a key role in developing and implementing global Regulatory strategies to secure market access for Class II/III medical devices in coordination with key internal and external stakeholders.
This individual will be the Regulatory subject matter expert.
- ✚ **Quality Manager**
Bioness (www.bioness.com) Valencia Experience with FDA , vendor audits, inspection, test & quality systems
- ✚ **Product Manager – Implantables**
Bioness (www.bioness.com), Valencia
Experience with medical device marketing. Key strategic partner of the marketing team responsible for leading the commercial aspects of implantable products. Manage critical processes related to business planning, marketing plans, product training, portfolio management and development, market research.

Jobs Opportunities at Naval Surface Warfare Center, Port Hueneme,CA

Additional questions can be addressed to Esperanza Arroyo, X6082

or esperanza.arroyo@navy.mil

In FY14 NSWC PHD filled 111 positions (mostly in the last 3 months). They are asking headquarters for permission to fill 301 in FY15 (1Oct2014-30Sep2015). All positions will be posted on USA Jobs.

On Thursday, October 2, 2014, vacancy announcement number NW408XX-05-1225157PP921239 will open for the position of Department Manager, Code L00. The announcement will close on October 16, 2014. The position will be filled as Manager, ND-801/830/854/855-05. The selecting official is Dr. William Luebke. The link to the announcement is below and will work starting tomorrow, October 2, 2014. The website for applications is www.usajobs.gov

Link to the job opportunity

announcement: <https://www.usajobs.gov/GetJob/ViewDetails/382431700>

Last Month at NSWC 30 positions filled (position titles only as below). 28 of new shipmates will work here at Port Hueneme and the remaining two will work at our Virginia Beach detachment. All have the backgrounds, knowledge, skills, and abilities we need to move our command forward. The titles include as below, many of these jobs will keep opening in the near future till all required positions are filled, so please keep a lookout on <http://www.usajobs.gov>

- Program Manager
- Systems Analyst
- Supply Technician
- Field Service Supervisor
- Administrator
- Financial Management Analyst
- Budget Analyst
- Mechanical Engineer
- Mechanical Engineer
- Mechanical Engineer
- Aegis Ballistic Missile/Fire Control Technician
- Operations Research Analyst
- Systems Engineer
- Engineer (Electrical)
- Mechanical Engineer
- Senior Training Specialist
- Engineer (Tech Manuals)
- Electronics Technician
- Computer Engineer
- Software Engineer
- Mechanical Engineer
- Resource Advisor
- Aerospace Engineer
- Senior Field Engineer
- Electronic Radar System Specialist
- Electronics Technician
- Technical Engineering Support Analyst
- Financial Technician
- Navy Test Officer
- Contract Administrator



[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.

Upcoming Special Event!

NEW VIEWS FROM NEUROSCIENCE ON THE BRAIN

Implications for Education,
Jobs, Leadership and Life



The brain is the least understood organ of our body. Since 2010, fascinating information has been gathered with improved brain imaging and the study of brain transient states. Neural connectivity maps and the application of algorithms from the world of big data open our eyes to a new understanding on the way we learn, memorize, communicate, and interact with others. Observations across age and gender shake our beliefs about child education.

Nathalie Gosset, EE, MS, MBA, Sr. Director of Technology Innovation Evaluation at the Alfred E. Mann Institute for Biomedical Engineering at the University of Southern California will describe some of the recent discoveries in neuroscience and the enabling technologies.



Her talk will decode these discoveries bridging the results to our daily life: learning speed, knowledge retention, memory, brain health and the potential for repair of brain degeneration. Ms. Gosset's talk will tackle some modern American issues such as regaining the lead in STEM education, and the rehabilitation of soldiers with PTSD.



Buenaventura Section
A French Evening
Hors D'oeuvres Buffet
NOV 6, 2014 at 6:30 pm

Insights into
ACCELERATED LEARNING
BETTER KNOWLEDGE RETENTION
EFFECTIVE LEADERSHIP
REPAIR OF THE DEGENERATIVE BRAIN



Huddle Campus
Cal Lutheran University
31416 Agoura Road
Westlake Village

\$35/person
\$25 IEEE members
\$10 students

Register at:

<http://IEEE-THEBRAIN.EVENTBRITE.COM>

All proceeds will go toward student scholarships



Robotics and Automation in Terrain Model Fabrication

Speaker: Mr. Mark Fisher, Solid Terrain Modeling, Inc.

Date: Wednesday, October 8, 2014

Time: 6:30 p.m. pizza provided for meet and greet;
7:00 p.m. Presentation

Location: Ahmanson Science Center Auditorium
California Lutheran University (CLU)
60 Olsen Road, Thousand Oaks, CA

Directions: See following page with map



Frank Slide
36" x 62"

Ever wonder how those large models of terrain that are displayed at museums, National Parks and visitor's centers are made? Join us on Wednesday, October 8th for a lively presentation by Mark Fisher, co-founder and CEO of Solid Terrain Modeling, to learn how Solid Terrain Modeling applied automation and robotics to revolutionize the age-old art of hand-made terrain modeling.

STM Solid Terrain Models are actual physical models of geographic terrain that people can gather around, touch and view from any angle, and provide for a deeper comprehension of the information presented. Everyone understands right away - scale, distance, terrain, points of view, sight lines, etc. without knowing how to read a topographic map or engineering plan.

Mark Fisher is the inventor of the revolutionary 3D color image overlay process and co-founder of Solid Terrain Modeling. Mr. Fisher has been intimately involved in growing the firm from an idea born in the garage to the world leader in terrain model fabrication. With over 30 years of industry experience in motion control, embedded systems and optical systems, Mr. Fisher previously provided engineering and management services to the entertainment production industry where he developed complex motion control systems and laser light projection systems for numerous Las Vegas, Hollywood, Broadway and touring productions.



Ahmanson Science Center

Parking

The IEEE Robotics and Automation Society and the Industry Applications Society members are interested in both applied and theoretical issues in robotics and automation. Robotics includes intelligent machines and systems used in space exploration, military, human services, or manufacturing. Automation includes the use of automated methods in various applications, such as factory, office, home, laboratory automation, or transportation systems to improve performance, safety, and productivity.

Robotics and Automation involves designing and implementing intelligent machines that can do work too dirty, too dangerous, too precise or too tedious for humans. It also pushes the boundary on the level of intelligence and capability for many forms of autonomous, semi-autonomous and tele-operated machines. Intelligent machines have applications in medicine, defense, space and underwater exploration, service industries, disaster relief, manufacturing, assembly, entertainment to name a few. Within the foreseeable future, intelligent machines will expand and migrate into many more and other non-traditional places. Robotics and automation is on the move, embrace it!

If you are interested in joining this society or want to participate in our Chapter in some capacity, please contact Doug Askegard at dougaskegard@ieee.org

ROBOTICS

Technology Meetups by NEW CLU Huddle Entrepreneurial Center

The NEW CLU Huddle Entrepreneurial Center in Westlake (31416 Agoura Rd #109C) is hosting some technology 'Meetups' and invite all of our IEEE members to look at these two events below!

Friday, October 10, 12:30PM

Rudy-on-Rails Meetup:

<http://www.meetup.com/Ruby-Programmers-Developers-Westlake-Meetup/>

This is the link to their first meeting:

<http://www.meetup.com/Ruby-Programmers-Developers-Westlake-Meetup/events/209677972>

Let's meet up to discuss all things RUBY

CALLING ALL RUBY ON RAILS DEVELOPERS/ PROGRAMMERS IN THE CONEJO VALLEY! Huddle Campus is proud to announce the beginning of a bi-monthly meetup for all Ruby developers. The Westlake Ruby/Rails Meetup Group is for anyone interested in learning or sharing experiences with "Ruby" or "Ruby on Rails". We meet on the second and fourth Friday of each month at 12:30pm - 2:00pm. The location of the Meetup will be at the newly opened, state of the art coworking center in Westlake Village known as HUDDLE CAMPUS. Each meeting will host a different speaker or topic related to Ruby programming. This meet up consists mainly of "Hands-on-keyboard" types. Please feel free to contact Michael@huddlecampus.com for any questions or concerns relating to this group!

Wednesday, October 8th, 12:30 PM

The Huddle Center is starting a Meetup on drones:

<http://www.meetup.com/Westlake-Village-Multi-Rotor-Dorne-Meetup/>

and:

<http://www.meetup.com/Westlake-Village-Multi-Rotor-Dorne-Meetup/events/209692992/>

Let's meet up and talk all things DRONE!

This is a group of Techies who are fascinated with remote radio-controlled flight and specifically multi-rotor copter construction and usage. We will meet periodically to discuss anything from the latest and greatest in multi-rotor Tech to the legalities and politics behind the flight and operation of multi-rotor flying platforms. Some main topics of discussion include but are not limited to: DJI, Phantoms, NAZA, F450, F550, s800, s900, s1000, Spektrum, Futaba, etc...



Oxnard Ventura Post
Naval Base Ventura County, Port Hueneme, CA
<http://secure.sameposts.org/franchises/oxnard-ventura>

Monthly Meeting Announcement

Topic: "Shore-based Power for Ocean Going Vessels"
Presenter: Mr. Chris Birkelo, Port of Hueneme
Location: Tacos Jalisco's, 271 E Channel Islands Blvd, Port Hueneme, CA
Date: Thursday, 16 October 2014 @ 1130

Chris Birkelo from the Port of Hueneme will discuss the California Air Resources board mandate that led to the design and construction of the port's shore power substations and also the development of international standards for shore based power.



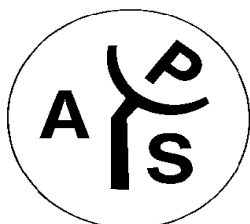
The Port
OF Hueneme
We Make Cargo Move

POST LEADERSHIP

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VICE PRESIDENT: CDR Dan Cook, CEC, USN
VICE PRESIDENT: Mr. John Accardi, AMEC
SECRETARY: LT Chris Fairfield, CEC, USN
TREASURER: LT Travis Reiss, CEC, USN

Coastal LA Section Presents CLASTECH Symposium and Exhibition Antenna and Microwave Technology (Preliminary)

October 24, 2014
Hacienda Hotel
El Segundo, CA



Exhibition There will be an exhibition with local and national vendors.
7:30 AM to 3:30 PM

Steering Committee Chair
Charlie Jackson

TPC Chair
Hector De Los Santos

Antennas
Robert Hoferer
Rahul Dixit

Microwaves
Kevin Leong
Vesna Radisic

EMC
Ray Adams

Exhibition Chair
Bryan Takamiya
Local Arrangements
Sharon Fletcher,
Manny Olmedo,
Alan Reynolds,
Steve Swift,
Brian Welles

ROOM A- Antennas 8:30 AM 1st Session

"An Insider's View of the SMAP Instrument Antenna: Major Performance Requirements and Design Details by Paolo Focardi, JPL/NASA.

"Advance Computational Tools for Antenna Design and Placement Studies", by Dr. C. J. Reddy, Altair / Applied EM

10:10 - 10:40 AM Break
(Exhibit Opens at 7:30 AM)
10:40 AM 2nd Session

"Reverb Test Chamber/Application Trends", by Dennis Lewis, Boeing Seattle

11:30 AM – 1:00 PM Lunch

Lunch

1:00 PM – 3:00 PM 3rd Session

"Antenna challenges in a launch-vehicle environment", by Dr. Keyvan Bahadori, Space-X

"An overview of recent developments in computational EM", by Dr. Atef Elsherbeni, Colorado School of Mines

3:00 – 3:30 PM Break
(Exhibition Closes at 3:30 PM)

If you are between jobs, contact clastech@earthlink.net and CLASTECH will work something out

Download this flyer
[Click Here](#)

ROOM B- Microwaves 8:30 AM 1st Session

"Evolution of Passive and Active Microwave Filters" by Richard Snyder, RS Microwave

"mmW and the impact upon 5G wireless; what Engineers need to know about this Technology", by Joy Laskar, QEOS Communication Division

10:10 - 10:40 AM Break
(Exhibit Opens at 7:30 AM)
10:40 AM 2nd Session

"Long-Range Wireless Power Transmission Systems", by Dick Dickinson, OFF EARTH-WPT

11:30 AM – 1:00 PM Lunch

Lunch

1:00 PM – 3:00 PM 3rd Session

"Microwave Engineering: What is it, where is it headed, and how it serves the mankind", by Madhu Gupta, UCSD

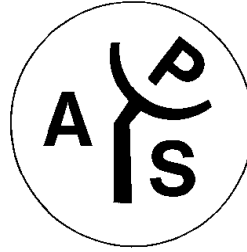
"Tunable Filters For Wireless Communication Systems", by Raafat R. Mansour, University of Waterloo

3:00 – 3:30 PM Break
(Exhibition Closes at 3:30 PM)

For More Information Contact Charlie Jackson c.jackson@ieee.org

Registration Page
<http://clastech2014.eventbrite.com/>

Registration Page: <http://clastech2014.eventbrite.com>



**Coastal LA Section Presents CLAS TECH Symposium and Exhibition
October 24, 2014
Hacienda Hotel, 525 N. Sepulveda Blvd.
El Segundo CA, 90245**

Registration Form

The 2014 ClasTech Symposium and Exhibition will include two tracks with 5 technical sessions, a poster session, and table top exhibits. A buffet lunch will be provided.

To get the ½ price fee, RSVP on-line and to ensure that you get lunch, we need registration before October 21. If you want, you fill out the form and mail in a check. Onsite registration will be \$30.

Here is a link to the registration page

<http://clastech2014.eventbrite.com/>

If you do not want to use the web based registration, make a check out to "IEEE Coastal LA Section, APS Chapter" and mail it to the APS/MTT Chapter Treasurer, C/O Charlie Jackson, 16341 Normandy Lane, Huntington Beach, CA, 92647.

I will pay \$30 on-site _____

I want to pre-pay by check _____ (You don't need to fill out this form if you register on-line)

Name: _____

Address: _____

Company (optional): _____

Phone: _____

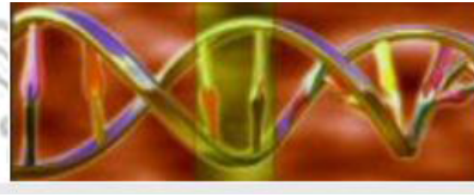
E-mail: _____

Address and e-mail information are needed for contacting you if there is a registration issue. Company information will not be disclosed, but a list of companies that sent employees will be compiled and distributed.

/___/ Do not share my contact information with exhibitors or other attendees

Technical Background (not to be released; Useful for future CLASTECH Symposium planning)

/___/ APS /___/ MTT



Health Informatics' Impact on the Continuum of Care of a Patient *Following the Patient End to End during an Hospital Visit and Stay* Gary Hutchinson, CEO of ThelioPulse

Wednesday, October 29 2014 7 PM California Lutheran University Ahmanson Science Building

When you visit a hospital, the care you receive involves multiple medical staff members that prescribe a series of tests to evaluate your illness or injuries, run medical interventions to restore your health on the long run, and monitor your condition and attend to you until you can return home. A positive outcome requires a well-orchestrated plan where everyone involved knows your health condition, your most important needs, your health risks, your previous test results, and who is next in line to take care of you. Continuum of care is the system that provides continuity of the medical care delivered to you, especially when switching between physicians, nurses, and medical institutions. Health Informatics plays an essential role in creating a framework for a high quality continuum of care.

Gary Hutchinson, CEO of ThelioPulse

Gary Hutchinson is the CEO of ThelioPulse, a spin-off company from the USC Alfred E. Mann Institute (AMI) that treats skin lesions with nanopulsed energy. Mr. Hutchinson also plays an advisory role with AMI to develop business plans to raise capital for technologies developed at the Institute.

Mr. Hutchinson is also on the Board of Directors of Proa, a startup company that commercializes medical devices. He was a founder of Zymed Medical Systems (now Philips Medical Systems, acquired 2000). Following the acquisition Hutchinson served as VP Cardiology Products for Philips Medical Systems and was responsible for manufacturing, research and development, sales and marketing world-wide for non-invasive cardiology products. Hutchinson's experience also includes serving on various Advisory Boards including ORFID, an early stage company in the field of organic semiconductors and polymer-based RFID (radio frequency identification) devices developed at UCLA. He is a graduate of The Ohio State University.



Location: California Lutheran University, 100 Ahmanson Science Bldg.
60 W. Olson Road, Thousand Oaks.

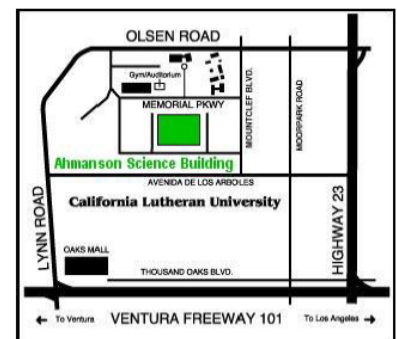
Meetings are free, and open to the public

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

Parking: Download a parking pass at www.ieee-bv-embs.org

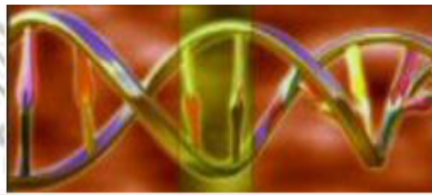
Contact: Steve Johnson, sfjohnso@ieee.org

Sponsors California Lutheran University, IEEE EMB Society, IEEE Buena-ventura Section, Amgen Foundation, MicroJoining Solutions





Buenaventura Chapter



2014-2015 Speaker Events

The Buenaventura IEEE Engineering in Medicine and Biology Society chapter is pleased to be able to offer a series of free and open speaker events of interest to the bioengineering community in Southern California. Meetings are held on the last Wednesday of each month at California Lutheran University's Ahmanson Science Center at 7 p.m., with optional dinner at 6 p.m.

See www.ieee-bv-embs.org for more information.

- | | |
|------------------------|--|
| Wednesday, October 29 | Health Informatics' Impact on the Continuum of Patient Care – Gary Hutchinson, ThelioPulse |
| Wednesday, November 19 | The Future of Medical Telepresence - Tom Kristy, SupervisionMD |
| Wednesday, December 10 | Frontiers of Upper Extremity Prosthetic Care - From Clinical Techniques to Innovative Interface Designs - Randall Alley, Biodesigns |
| Wednesday, January 28 | The Robot Doctor Will See You Now: Status and Potential of Robotics in Healthcare - George Bekey, member, National Academy of Engineering |
| Wednesday, February 25 | Stem Cells to Treat Human Diseases - Amander Clark, UCLA |
| Wednesday, March 25 | Medical Device Connectivity in an Era of Wireless Communications – Toward the Paperless Medical Office - Michael D. Paquin, FHIMSS Health Care Strategist |
| Wednesday, April 29 | Technologies Enabling Mastery in Dentistry - Sorin Muntean, DDS, Muntean Dentistry |
| Wednesday, May 27 | The Complexities and Changing Nature of Today's Regulatory and Clinical Environments - Peggy Pence, Symbion Research |



ASSOCIATION FOR UNMANNED
VEHICLE SYSTEMS INTERNATIONAL

1ST ANNUAL MICRO SYMPOSIUM

Unmanned Systems – Education and Future Needs



Friday, 07 Nov 2014, 2:00 PM to 6:00 PM
California State University Channel Islands
North Quad Grand Salon

- The event will include dynamic and static displays of UAVs; interactive panel of subject matter experts on UAV applications, robotics in agricultural and triconty business opportunities.
- This will be followed by a keynote speech from Ventura County Assemblyman Jeff Gorell on his Gold Team California initiative.
- Students will present robotic displays and the event will close with a social hour.

Registration: \$25 for nonAUVSI members
\$20 for AUVSI members and faculty.
Student participation will be free.

Register at: <http://channelislands.auvsi.org/home>

Special closed door 'Preview Opportunities' are available to our sponsors. If you are interested in event sponsor opportunities please email mruavs@hotmail.com or call (805) 816-0778.



Complimentary event parking is limited and only available in the designated parking lot. Once on campus, follow the directional signage to event parking then follow the walking signage to the event location. Free parking is available at the Camarillo Metrolink Station/Lewis Road parking lot with bus service to and from the campus. The cashonly bus fare is \$1.25 each way. Buses arrive and depart from the Camarillo Metrolink Station every 30 minutes from 7 a.m. to 10 p.m., Monday through Friday. For exact times, check the schedule at: www.goventura.org.



Buena Ventura 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 , Member Development PACE Events Chair	Christian Ziegler	awards@ieee-bv.org
Historian	Doug Askegard	dougaskegard@ieee.org
Past Chair	Karl Geiger	karl@ieee-bv.org
Sr. Representative, LA Council	Bridgeman Carney	bcarney@ieee-bv.org
Representative, LA Council	John Wright	j.wright@ieee.org
Section Webmaster	Karl Geiger	webmaster@ieee-bv.org
Newsletter	Zak Cohen Karl Geiger Gaurav Mahajan	newsletter@ieee-bv.org

<u>Chapter</u>	<u>2013 Chair</u>	<u>E-Mail</u>
Aerospace	Momin Quddus	mominq7@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, Automation & Industry Applications	Doug Askegard	dougaskegard@ieee.org

Also be sure to check the Section's websites for the latest updates:

http://www.ieee-bv.org/	Aerospace, ED/CAS, Life Members, Microwave, Power and Energy, Robotics, Section
http://comsoc.ieee-bv.org/	Communications
http://www.ieee-bv-cs.org/	Computer