

# Thank You 2012

- Thank you for making 2012 a terrific year for the IEEE and the Buenaventura Section
- The following review shows a few of the many 2012 events and presentations...

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

# Thanks to our Supporters

- Skyworks, Inc
- Applied Personnel Profiles
- California Lutheran University
- Ciao Wireless
- Vitesse Semiconductor
- Maverick Angels Ventures
- IEEE

# Thank you to all our Speakers in 2012

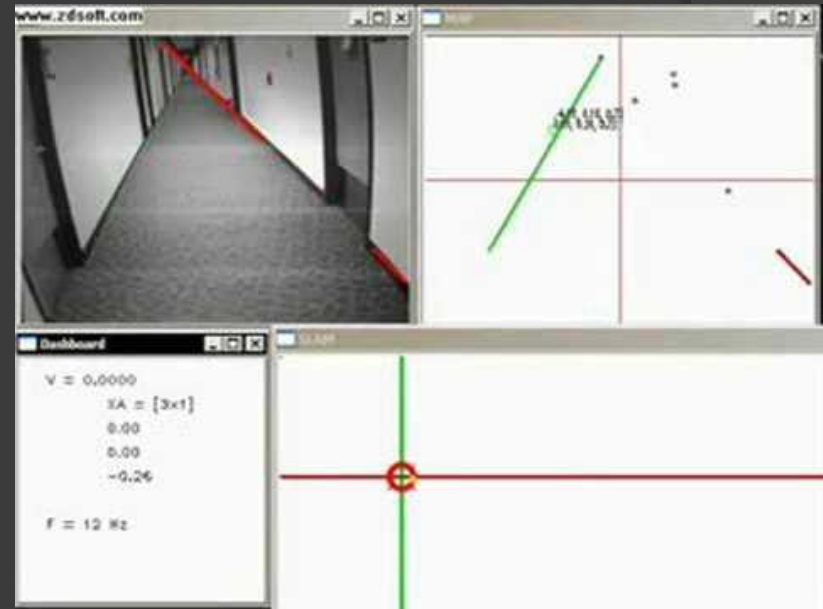
They are the essential to our monthly meetings by bringing new and interesting developments and added perspectives to a wide range of technologies and solutions.

# Some Events Highlights

- BV Section holds dozens of technical and social events each year
- The following are some highlights
- Join us at the next! See the newsletter or website, <http://ieee-bv.org/>

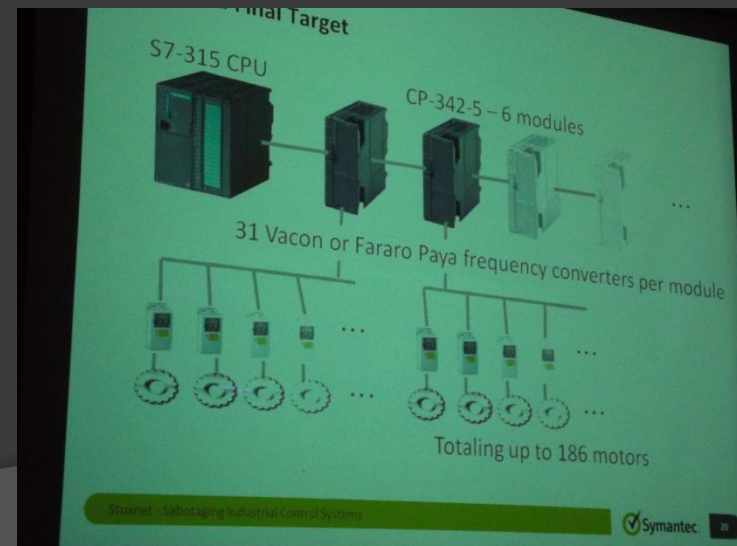
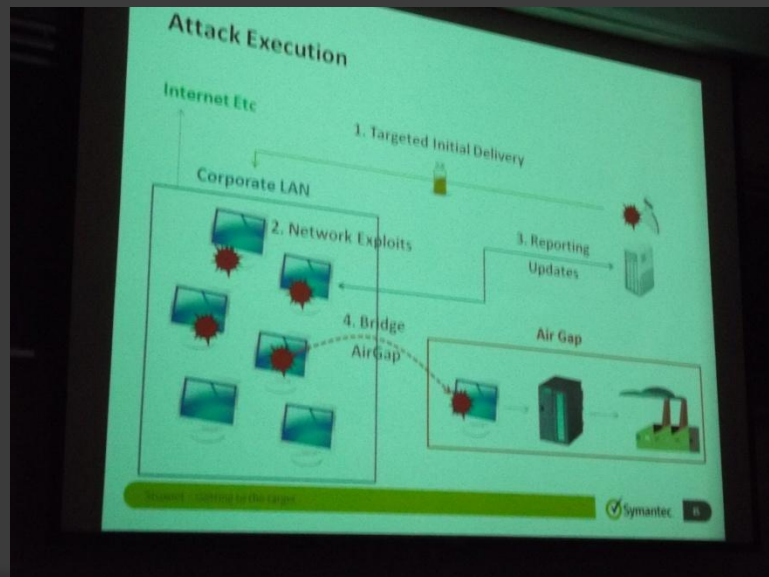
# Jan: Distinguished Speaker

- Dr. Arun K. Somani, Iowa State U.
- *Autonomous Aero-Visual and Sensor-based Inspection for Power Grid and Asset Monitoring*
- Joint SFV-BV Sections CommSocs



# Feb: Stuxnet Computer Virus

- ◉ Liam O'Murchu, Symantec
- ◉ *Analysis of the Stuxnet Computer Worm*



# Apr: EMBS

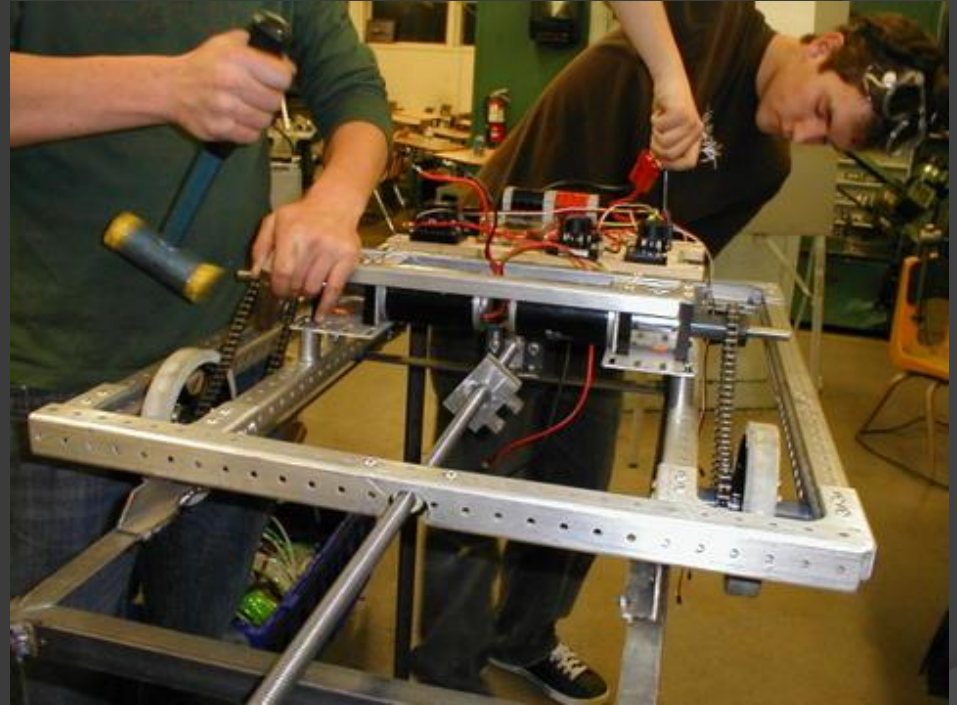
- ⦿ Andreas Bieszczad,  
CSUCI
- ⦿ *Brain Machine  
Interfaces*

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



# May: FIRST Robotics

- Chuck Seabury & Conejo Robotics Team
- FIRST Robotics – High Velocity Engineering
- Help sponsor the team in 2013!



# June: Sensing

- Dr. Emilio Sovero,  
Waveconnex Inc
- ***An Introduction to  
Compressive Sensing  
and its Applications***



# July: Energy

- Momin Quddus, JPL
- *Facts and Fictions about Alternate Energy*



# Aug: Entrepreneurship

- ◎ Jerry Knotts, LMAG
- ◎ *Entrepreneurship*
- ◎ How to be a technology entrepreneur and start your own company. Jerry reviewed how he became an entrepreneur and provided detailed guidance on how to start your own business.



# Sep: Dark Matter

- Dr. Jason Rhodes,  
JPL
- *Weak Gravitational  
Lensing: the Ideal  
Probe for Dark Matter  
and Dark Energy*



# Oct: EES 2012

- Dr. Rajit Gadk, UCLA SMERC
- Jim Zuber, CTO Quality Logic
- Tim McGrath, Channel Islands BioEnergy

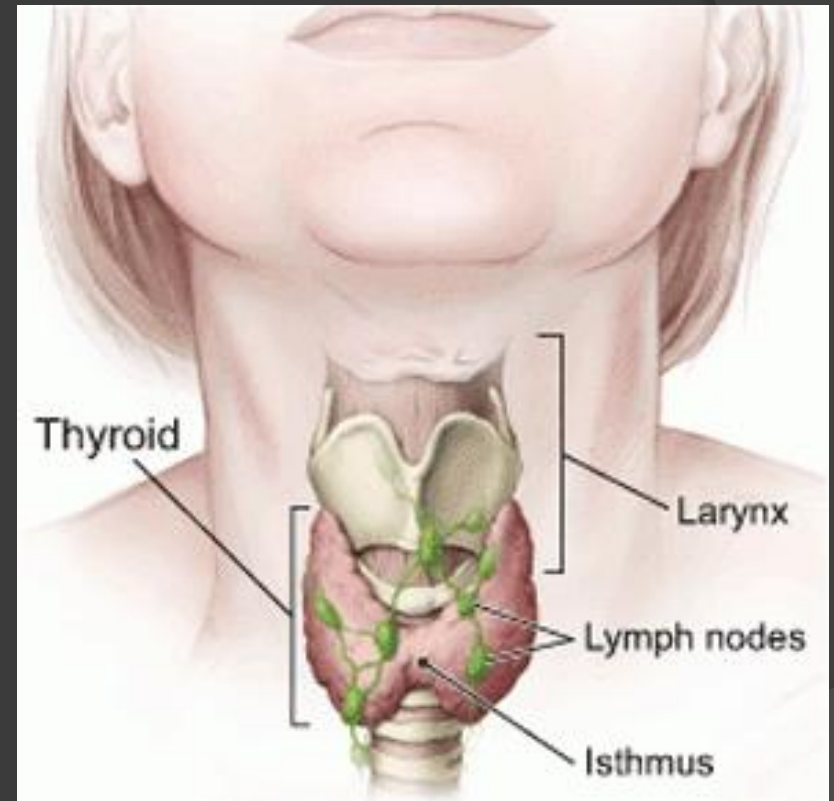


Dr. Rajit Gadk

- Full presentation video online at
  - <http://www.ieee-bv.org/2012/10/2012-energy-efficiency-symposium-presentations/>
  - Thanks to Andre Hendarman for video production

# Nov: Surgical Tools

- Dr. J. Lee Rea
- *Virtual Surgical Nerve Location by Electromyography*
- Avoid loss of speech due to damage of nerve controlling the larynx during thyroid surgery



Thank you to ALL the  
volunteers that worked on our  
special events in 2012

# Feb: Leap Year Mixer



# March: VC Science Fair 2012



Michael, Doug Askegard, Lindsey, Karl Geiger, Ben, Momin Quddus

# July: Senior Elevation Clinic

Organizers:

Christian Ziegler, Bridge Carney,  
Zak Cohen

Volunteers/Interviewers:

- **Doug Askegard** (Life Senior)
- **Zak Cohen** (Senior)
- **David Collins** (Life Senior)
- **Karl Geiger** (Senior)
- **John Higgins** (Life Fellow)
- **Don Hilliard** (Senior)
- **Wesley Holser** (Senior)
- **Jerry Knotts** (Life Senior)
- **Lester Kozolwski** (Senior)
- **Aleksander Mladenovic** (Senior)
- **Mehran Mokhtari** (Senior)
- **David Standley** (Senior)
- **Habib Taouk** (Senior)
- **David Vivieros** (Senior)
- **Richard Walton** (Life Senior)
- **John Wright** (Life Senior)

# July: New Senior Members

- Myung-Jun Choe
- Guy De Burgh
- Michael Ellis
- Subhash Hegde
- Max Helix
- Andre Hendarman
- Atul Joshi
- James Leatham
- David Lott
- Emanuele Mandelli
- Scott Myers
- Anthony Ng
- Mike Nicholls
- Yuri Owechko
- Authi Narayanan
- Daniel Rosen
- Tyson Salewske
- Steve Sereboff
- Yuriy Shlepnev
- Mohammed Tehrani
- M J Zielinski


# Oct: EES 2012

IEEE Buenaventura Section

## 2012 Energy Efficiency Symposium


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**The Future of Energy**




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**Platinum Sponsor:**




**Presented by:**



Advancing Technology for Humanity

**IEEE-Buenaventura 2012 Energy Efficiency Symposium**

As energy resources become more valuable the need to create, deliver, and use energy in the most efficient way possible is of vital interest to our country, our communities, and to us as individuals. This symposium showcases the progress of new technologies and the innovative companies that are meeting the challenges of tomorrow's energy future.



**This 1-day event will be held at the elegant Westlake Village Inn Thursday afternoon/evening October 4, 2012. This event showcases companies engaged in building innovative technologies for energy efficiency solutions and products, presentations from industrial and academic leadership, and exhibits of new products and technologies.**

**The public is welcome.**

# EES 2012

## BV EES Sponsors and Supporters

- B&R Automation
- Clean Business Investment Summit
- Greentech Motors
- Johanson Technology
- Maverick Angels Investments
- QualityLogic
- Sauer Energy
- SoCalEdison
- SolarWorld
- Titan LED

# December Mixer



**The Day Before The Day Before The World Ends  
Social Mixer hosted by the Buenaventura IEEE  
December 19<sup>th</sup> 6-9pm Los Robles Greens Clubhouse**

# 2013 – focus on....

- ◎ Events that get our IEEE name into the mainstream of our community & Press
  - *Grow our presence at the VC Science Fair*
  - *Educational events for today's engineers*
  - *STEM related events to get IEEE known with our K-12 engineers of tomorrow*
  - *A new theme for our 2013 Fall Event*
- ◎ Add more Senior Elevation events
- ◎ Continue with our Mixer events
  - *Great way to circulate and enjoy an evening with fellow members!*

# In 2013...

- ⦿ Grow our teams of Volunteers team so we can accomplish more in 2013
  - *Once a year is all we ask.*
- ⦿ A new Fall Event theme and organizer team
  - *The existing core show team will help stage it!*
- ⦿ We know how to spend money, we need to find ways to make money as well!
  - *More funds mean more events!*

Do more with IEEE BV Section in



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

