IEEE Buenaventura Section

OpCom Meeting Minutes

# March 30, 2015

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| Simi Valley, CA |

## Attendees

Doug Askegard (RAS/IAS, PACE Representative)

Tom Campbell (MTTS)

Bridge Carney (Vice Chair)

Zak Cohen (Treasurer)

Reza Firozabadi (Membership Development)

Nathalie Gosset (Chair)

Deron Johnson (Secretary)

Atul Joshi (Photonics)

Ray Kallaher (AESS)

Jerry Knotts (LMAG)

Gaurav Mahajan (Young Professionals)

Mike Nicholls (EMC/CE)

Dave Pehlke (ComSoc)

Chuck Seabury (MTTS)

Albert Wolfkiel (Past Chair)

Meeting was called to order at 6:45 PM.

## Minutes from Previous Meeting

Minutes from the February 23 meeting were accepted without change.

## Treasurer's Report

Treasurer's report was accepted without change.

## Metrics: Actuals vs. Plan

See Appendix [A](#_Appendix_A).

## Buenaventura Section Updates

We have had great success getting sponsors for the newsletter and for the mixer.

Our list of officers and volunteers continues to grow. The current list is on the web site.

[Section Officers and Volunteers](http://www.ieee-bv.org/section-officers/)

[Chapter Officers and Volunteers](http://www.ieee-bv.org/chapter-officers/)

Thank you to Doug, Jerry, Chuck [and others!] for volunteering to be judges at the Ventura County Science Fair.

Thank you to Reza for chairing the April 4 Senior Member Elevation, and to everyone who has volunteered to be a reviewer.

Section Mixer is on track for May 14 at the Huddle Center in Westlake Village. Bridge and Ross are the event organizers.

SBIR Workshop is on track for May 27. Jerry will be the instructor.

## Strategic Focus - Chapters

Current Venues

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| --- | --- |
| Venue | Description |
| CLU Ahmanson Science Auditorium | Seats 85Available all Wed evenings, but asked to limit to 2 events per month. |
| Skyworks | Seats ~50Available only by request. |
| Vitesse | Seats ~50Available only by request |
| Ciao Wireless | Seats ~50Available only by request |

New Venues under Exploration

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| --- |
| Venue |
| CLU Library Auditorium |
| Teledyne |
| Amgen Conference Center |
| Baxter Conference Center |

### Chapters are looking for great local speakers for the following topics:

* Someone from JPL who works with microwave technology for the MTTS chapter, and someone who works in Electronic Devices for the ED/CAS chapter (different month)
* Someone in Automation Motion Controllers (for Robotics chapter)
* Someone from Inphi who works in Optical Communications (for the ED/CAS chapter)
* Someone in Mobile Imaging (for the Photonics chapter)
* Someone from Point Mugu who can talk about Fire Scout or Entrep. Tiger (for the MTTS chapter)

## Speaker Series

The bulk of the meeting was spent developing the speaker schedule for the remainder of 2015. The results are below. [Thanks to Nathalie for capturing this information.]

Deron will find a central place to keep this documented. For now, I have put the titles into Google Calendar <https://www.google.com/calendar/embed?mode=AGENDA&src=ieee.bv%40gmail.com>

| Date | Title | Speaker | Venue | Hosting Chapter | Joining Chapters | Needed to define |
| --- | --- | --- | --- | --- | --- | --- |
| MONTH OF APRIL |
| Thu Apr 9, 2015 | Communications: WebRTC and the Next Revolution in Telephony | Mihai Puchui | Skyworks | COMSOC |  | 🗸 |
| Wed Apr 22, 2015 | Raytheon Miniature Air Launched Decoy |  | Ciao Wireless | MTTS | LMAG | Speaker? |
| Computer: FIRST Robotics | Chuck Seabury and Student teams | CLU | CS | RAS/IAS | Gathering student teams |
| Mon April 27, 2015 | Section Operating Committee |  |  |  |  |  |
| Wed April 29, 2015 | The Robot Doctor Will See You Now: Status and Potential of Robotics in Healthcare | George Bekey, PhD | CLU | EMBS | LMAGRAS/IAS | 🗸 |
| MONTH OF MAY |
| Tue May 5, 2015 | Using Current Probes to measure radiated and conducted emissions (Debut of EMC/CE chapter speaker series) | David Fischer/Fischer Custom Communications |  | EMC/CE |  | venue |
| Wed May 6, 2015 |  Computer: Cloud Computing and the Law | Salar Atrizadeh, Esq | CLU | CS | LMAG | 🗸 |
| Wed May 13, 2015 |  Drug Discovery Process and its Automation  | Aleksandar Mladenovic? | CLU | RAS/IAS |  | Verify Speaker  |
| Thu May 14, 2015 |  Section: Mixer | Zak Cohen EMCEE | HuddleWestlake Village | Section |  | 🗸 |
| Wed May 20, 2015 |  Speaker from JPL |  |  | MTTS |  | TopicSpeakerVenue  |
| Tue May 26, 2015 |  Photonics: Chapter Founding Officer meeting |  |  |  |  |  |
| Wed May 27 | SBIR/STTR funding Know How | Jerry Knotts | CLU | Section |  | 🗸 |
| Thu May 28, 2015 |  Precision Time Keeping and Atomic Clocks | James CamparoAerospace Corp |  | AESS | LMAG | Venue |
| MONTH OF JUNE |
| Mon Jun 1, 2015 | Section Operating Committee Meeting |  |  |  |  |  |
| Tue Jun 2, 2015 |  Audio Transformer design/compliance | Bill Whitlock/Whitlock Consulting |  | EMC/CE |  | Venue  |
| Wed Jun 3, 2015 |  Automation Motion Controllers | Knut Skjonberg? |  | RAS/IAS |  | Verify Speaker |
| Tue Jun 9, 2015 |  Communications: UE Uplink Tx Diversity | David Pehlke | Skyworks | COMSOC | LMAG | 🗸 |
| Thu Jun 11, 2015 | Optical Communications  | Someone from Inphi |  | ED/CAS |  | SpeakerVenue |
| Wed Jun 17, 2015 | Point Mugu: Fire Scout or Entrep. Tiger talk | ? |  | MTTS | LMAG | SpeakerVenue |
| Thu Jun 18, 2015? | Status and Future Applications of nanotechnology (date not nailed down yet) | Mark RodwellUCSB |  | AESS |  | Venue  |
| Mon Jun 29, 2015 | Section: Operating committee meeting |  |  |  |  |  |
| Tue Jun 30, 2015 |  Mobile Imaging (Debut of Photonics Chapter Series) |  |  | Photonics |  | SpeakerVenue |
| MONTH OF JULY |
| Tue Jul 7, 2015 |  World Regularity Requirements for Consumer Electronics, CE marking, EMC, Functional Safety, Ex, UL, Laser Safety, Telcom, etc. |  |  | EMC/CE |  | SpeakerVenue |
| Thu Jul 9, 2015 |  ED/CAS: JPL |  |  | ED/CAS | LMAG | SpeakerVenue |
| Tue Jul 14, 2015 | Focal Plane Array Imaging | Loren Claire? | Skyworks | COMSOC |  | Speaker  |
| Wed Jul 15, 2015 |  ATK: AARGM?  |  |  | MTTS |  | SpeakerVenue |
| Thu Jul 16, 2015? | Ultra Wideband Fractal Antenna & Arrays (date not nailed down yet) | Dan SievenpiperUCSD |  | AESS | LMAG | DateVenue |
| Mon Jul 20, 2015 |  Section: Mixer | Zak Cohen EMCEE |  | Section |  | Venue |
| Mon Jul 27, 2015 | Section Operating Committee Meeting |  |  |  |  |  |
| Tue Jul 28, 2015 |  Imagery in Ophthalmology  |  |  | Photonics |  | SpeakerVenue |
| MONTH OF AUGUST |
| Tue Aug 4, 2015 | Intentional radiators (cell Phones) requirements for compliance |  |  | EMC/CE |  | SpeakerVenue |
| Tue Aug 11, 2015 | OC-192 and Beyond | Ruaigu? | Skyworks | COMSOC |  | Speaker |
| Thu Aug 13, 2015 | “tentative event” |  |  | EDCAS |  | TopicSpeakerVenue |
| Wed Aug 19, 2015 |  Gravity Probe-B Satellite Technologies and Discoveries (date not nailed down yet) | Francis Everitt |  | AESS | LMAG | DateVenue |
| Tue Aug 25, 2015 |  Speaker TBD - Recruitment event |  |  | Photonics |  | TopicSpeakerVenue |
| Mon Aug 31, 2015 | Section: Operating committee meeting |  |  |  |  |  |
| MONTH OF SEPTEMBER |
| Tue Sep 1, 2015 |  Solving "D" Class Audit Amp Noise |  |  | EMC/CE |  | SpeakerVenue |
| Wed Sep 2, 2015 | Industrial Laser Flow Systems | Darius? |  | RAS/IAS |  | Venue |
| Tue Sep 8, 2015 | Distinguished Speaker Series |  | Skyworks | COMSOC | LMAG | TopicSpeaker |
| Wed Sep 9, 2015 |  Software Test Automation or DevOps |  | CLU | CS |  | Speaker |
| Wed Sep 16, 2015? |  Status and Future Applications of MetaMaterials (date not nailed down yet) |  |  | AESS | LMAG | DateVenue |
| Tue Sep 22, 2015 |  Quarterly Review/Mentorship Program |  |  | Photonics |  | TopicSpeakerVenue |
| Mon Sep28, 2015 | Section: Operating committee meeting |  |  |  |  |  |
| Wed Sep 30, 2015 | Water in California, Issues, Technical Solutions, and Social Responsibility | Ravi Bajaj | CLU | EMBS | LMAG | 🗸 |
| MONTH OF OCTOBER |
| Tue Oct 6, 2015 | Connecting to Your Car |  |  | EMC/CE |  | SpeakerVenue |
| Wed Oct 7, 2015 | Carbon 3D Printing |  |  | RAS/IAS |  | SpeakerVenue |
| Tue Oct 13, 2015 |  Automotive Radar, or 5G Communications |  | Skyworks | COMSOC |  | Speaker |
| Wed Oct 14, 2015 |  The State of Cyber Security |  | CLU | CS | LMAG | Speaker |
| Thu Oct 15, 2015 |  ED/CAS talk |  |  | ED/CAS |  | Need topic, speaker and venue |
| Thu Oct 22, 2015 |  Section: Fall Event |  |  | Section |  | NA |
| Mon Oct 26, 2015 | Section: Operating committee meeting |  |  |  |  |  |
| Wed Oct 28, 2015 | Neurogaming and Physical Rehabilitation after Trauma | Sheryl FlynnBlueMarble GameCo | CLU | EMBS | LMAG | 🗸 |
| MONTH OF NOVEMBER |
| Tue Nov 3, 2015 | Rechargeable Batteries  |  |  | EMC/CE | LMAG | SpeakerVenue |
| Wed Nov 4, 2015 | Emotiv Helmet – Brain Machine Interface |  |  | RAS/IAS |  | SpeakerVenue |
| Tue Nov 10, 2015 | Wearables and the Web, or Internet of Things |  | Skyworks | COMSOC | LMAG | Speaker |
| Wed Nov 11, 2015 | Software Test Automation |  | CLU | CS |  | Speaker |
| Wed Nov 18, 2015 | Recent Progress in the Treatment of Prostate Cancer | Richard Lam | CLU | EMBS | LMAG | 🗸 |
| Tues Nov 24 | TBD talk |  |  | Photonics |  | TopicSpeakerVenue |
| Mon Nov 30, 2015 | Section: Operating committee meeting |  |  |  |  |  |
| MONTH OF DECEMBER |
| Mon Dec 14 | Section: Operating committee meeting |  |  |  |  |  |
| Wed Dec 16, 2015 | The fight against mosquito-borne diseases like malaria. Can Technology solve the problem by itself? | Molly Schmid | CLU | EMBS | LMAG | 🗸 |

IEEE-branded giveaways (keychains and large binder clips) were given to the chapter chairs to distribute at their events.

Meeting was adjourned at 8:00 PM.

## Next Meeting

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| Date/Time | April 27, 2015, 6:30 PM |
| Location | Home of Nathalie Gosset and Doug Askegard, Simi Valley |
| Strategic Focus | Building the Team of Volunteers |

## Appendix A

 