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**Orlando Section**

**Executive Committee Meeting**

**November 8, 2016**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **EXCOM Meeting Dates for 2016** | | | | | | | | | | | |
| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 12 | 9 | 1 | 12 | 10 | 14 | NM | 9 | 13 | 4 | 8 | 13 |

**Chair Call To Order -** Ravi Rajaravivarma at 19:30

**ExCom Member Attendees:** Ravi Rajaravivarma, Lynn Guthrie, Joseph Lias, Jorge Medina, Scott Clary, Joe Juisai

**Location:** Golden Corral at 8032 International Drive, Orlando, FL 32819.

**Proxy Notifications**: Masood Ejaz, Chris Nergard, Mike Orlovsky, Donghui Wu, David Flinchbaugh presented proxies to the Chair.

**Quorum** was tallied and achieved.

**Meeting Agenda**

Welcome - Chair vrajaravivarma@valenciacollege.edu Ravi Rajaravivarma

* The next meeting will be held December 13, 2016 Tuesday @ 7:00 PM at Golden Corral at 8032 International Drive, Orlando, FL 32819.
* Acknowledged proxy notifications.
* Attendee introductions.

Vice Chair – Open Items discussed lynguthre@ieee.org Lynn Guthrie

* The 2017 Excomm election ends at noon on Monday, December 12.
* A proposed 2017 budget will be presented at the December 13th Excomm meeting.

Secretary – Minutes Review JLias@ThorntonandLias.com Joseph Lias

* **Note:** Please provide monthly meeting reports via email no later than 1 week after the meeting. Otherwise the report will not get in the meeting notes for that month.
* Discussed Region 3 arrangement for Anahita Davoudi to attend WIE Lead summit reimbursement, via Cathy Freeman email correspondence, copying Takoi Hamrita (IEEE Region 3 WIE Liaison). Details were provided in the email to the Regio and ExComm.
* October meeting minutes were reviewed, discussed and unanimously approved with necessary changes. Joe Juisai made the motion and Scott Clary 2nd

**October** **Financial Report:**

|  |  |  |
| --- | --- | --- |
| **IEEE CBRS Checking and Savings Account** | |  |
| IEEE CBRS Checking Account |  |  |
| Opening Balance | Nov.1, 2016 | $18,957.16 |
| Interest Income | Nov. 2016 | $5.38 |
| Checks Paid Out | Nov. 2016 | $5,811.76 |
| Credit Card Transactions | Nov. 2016 | $0.00 |
| IEEE Transfer |  | $0.00 |
| **Closing Balance** | Nov. 30, 2016 | $13,150.78 |
| **Long Term Savings** | Oct. 31, 2016 | $ 126,042.08 |

**CHAPTER REPORTS**

**AESS** (Aerospace and Electronics Systems) **Chris Geiger**

**No update reported.**

**AP/MTT** (Antennas & Propagation/Microwave Theory & Techniques) **Michael Trampler**

**No update reported.**

**TEMS** **Mike Orlovsky**

**No update reported.**

**C** (Computer) **Sumit Jha**

**No update reported.**

**CSP** (Communications/Signal Processing) **Lynn Guthrie**

**No update reported.**

**CPMT** (Components, Packaging, Manufacturing Technology) **Scott Clary**

The CPMT Chapter of the IEEE Orlando Section sponsored a technical meeting in conjunction with Sealing Devices, Inc. on EMI / EMC Design Basics and Fundamentals of EMI Shielding (see below for abstract and speaker biography).

**CSRASMC** (Control Systems/Robotics & Automation/Systems, Man and Cybernetics) **Donghui Wu**

**ED** (Electron Devices) **Wei Liang**

**No update reported.**

**Photonics** **Shin-Tson Wu**

**No update reported.**

**PES/IAS/PELS** (Power Energy/Industry Applications/Power Electronics) **Simon Echeverry**

**No update reported.**

**Valencia Students Emanuel Montanez**

Valencia opened a Physics “Haunted House” sponsored by STEM & IEEE on October 31st.

**Devry Students Robert Buckels**

**UCF Students Akash Jinandra**

* October 5 – Joint workshop with ASME on soldering. Teaching students to solder.
* October 22 – IEEExtreme participation.
* October 29 – Hosted Region 3 Leadership Conference

**UCF Photonics Yuan Jiamin**

**No update reported.**

**AFFINITY GROUP REPORTS**

**CN (**Consultants Network) **open**

**Junior Past Chair Michael Orlovsky**

**No update reported.**

**Young Professional Affinity Group** **Xin Deng (Crystal)**

**No update reported.**

**Life Member** **David Flinchbaugh**

**No update reported.**

**WIE** (Women in Engineering) **Parveen Wahid**

WIE Affinity Group Meeting

Topic: Meeting: Meet, Greet and Plan

Date: Wednesday, November 16th 2016

Time: 5:30 pm to 7:00 pm

Place: HEC 101A, UCF campus

Contact: P. Wahid 407-823-2610

Website: [www.ieee.org/orlando](http://www.ieee.org/orlando)

**UCF Student WIE** UCF (Women in Engineering) **Maryory Urdaneta**

**No update reported.**

**COMMITTEE REPORTS**

**Awards** **Michael Orlovsky**

The annual Orlando Section IEEE awards banquet will be held on Saturday, October 22, 2016.

Outstanding Graduate Student - Peng, Fenglin

Outstanding Undergraduate Student - Santana, Evelin

Scholarship Winners:

Ghosh, Arup

Peng, Fenglin

Zhu, Ruidong

Jinandra, Akash

Santana, Evelin

**Bylaws/Communications/Publications** **Jorge Medina**

Website communications update: <http://www.ewh.ieee.org/r3/orlando/2016/Oct/index.html>

**Excomm Nominating Committee Scott Clary/Joe Jusai/Mike Orlovsky**

The IEEE Orlando Section Nominations Committee is currently seeking qualified candidates to be considered for positions on 2017 Section Executive Committee during the annual election. Nominations are now being accepted for the positions of Section Chair, Section Vice Chair, Section Secretary, and Section Treasurer. The term of service is one year beginning on January 01, 2017 and ending on December 31, 2017. See the IEEE Bylaws and IEEE Orlando Section Operating Procedures for more information regarding candidate requirements and position descriptions. Interested individuals should e-mail the Nominations Committee to schedule an information session and interview. For additional information please e-mail Scott Clary at [scott.a.clary@lmco.com](mailto:scott.a.clary@lmco.com).

**OLD/NEW BUSINESS**

**OLD BUSINESS:** Minutes from last month reviewed and approved with necessary changes.

**NEW BUSINESS:**

New Sr. Member elevation – Warren Macchi

**Elections**

As of Today, September 14, 2016, the following nominations have been received for the 2017 IEEE Orlando Section Executive Board:

**SECTION CHAIR**

1. Ravi Rajaravivarma (incumbent)

**SECTION VICE CHAIR**

1. Lynn Guthrie (incumbent)

**SECTION SECRETARY**

1. Genevieve Sapijaszko - Genevieve Sapijaszko is Professor in the college of Engineering Information Sciences at DeVry University. She has been a member of IEEE since 1992, in 1993 she was the student section chair at the University of Calgary in Alberta. She has been an IEEE senior member since 2012. She received a B.Sc. and M.S. degree in Electrical and Computer Engineering from the University of Calgary in Alberta in 1994, and 2000. She has worked at Volta as a hardware/software Engineer from 1996 to 2000 and worked at DeVry as a faculty since 1997. She was the associate Dean of Labs for one year in 2008-2009. She has authored 3 publications concerning education and digital signal processing.

**SECTION TREASURER**

1. Chris Nergard (incumbent) - Chris Nergard is a Systems Engineer at Lockheed Martin Missile and Fire Control. He has been a member of IEEE since his freshman year at the University of Central Florida, and served as its chair for four years (2011-2015) while earning a Bachelor’s degree in Computer Engineering and a Master’s degree in Electrical Engineering, while at the same time working at Tesseract Sensors, designing and building fiber optic sensors. He participated in IEEE SoutheastCon every year placing top ten in the hardware, technical paper, and ethics competition, along with winning the Exemplary Student Branch Award. Since May 2016, he has been serving as Treasurer for the IEEE Orlando Section.
2. Warren Macchi  - Warren Macchi has been involved in research and IEEE-related activities since receiving an NSF Fellowship during his Research Experience for Undergraduates work at the University of Central Florida in 1994. Through his research in Computer Vision and Computer Graphics he received a Master's in Computer Science from UCF and started a Modeling and Simulation company in 1999.  Abamis IT Solutions has been in operation ever since, providing a variety of computer technology solutions for simulation, 3D visualization, mobile, cloud web services, machine learning, and Internet of Things applications. As a representative of his company Warren has participated in several IEEE and SISO standardization processes since 1999. Warren is a regular participant at IEEE Orlando Section Executive Committee Meetings and became an IEEE Senior Member on July 2016.

The slate was discussed and approved on September 14th. The Nominations Committee is not anticipating any more nominations.  So, please consider this e-mail as the proposed “Official Slate of Candidates” for ratification by the Section ExCom.  In accordance with the “Sample Section Election Guidelines and Timeline,” the slate of candidates should be ratified by the ExCom, and an e-Notice slate must be distributed to the Section membership 6 weeks prior to election beginning (approximately December 01).

**ADJOURN: 2015 Hours**

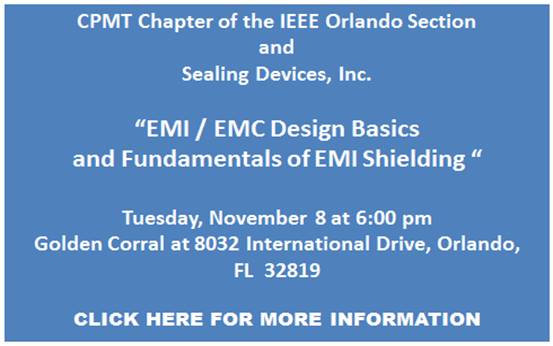
**Attendee Addendum**

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| --- | --- | --- | --- | --- |
|  | ***First*** | ***Last*** | ***Affiliation*** | ***Email Address*** |
|  | Joseph | Lias | IEEE Member | [JLias@ThorntonandLias.com](mailto:JLias@ThorntonandLias.com) |
|  | Ravi | Rajaravivarma | IEEE Member | [vrajaravivarma@valenciacollege.edu](mailto:vrajaravivarma@valenciacollege.edu) |
|  | Scott | Clary | IEEE Member | [Scott.a.clary@lmco.com](mailto:Scott.a.clary@lmco.com) |
|  | Joe | Juisai | IEEE Member | [Joe.Juisai@ieee.org](mailto:Joe.Juisai@ieee.org) |
|  | Robert | Buckels | IEEE Member | [rbuckels@yahoo.com](mailto:rbuckels@yahoo.com) |
|  | Jorge | Medina | IEEE Member | [J.Medina@ieee.org](mailto:J.Medina@ieee.org) |
|  | Gamini | Buwwoiu | IEEE Member | [gaminib@ieee.org](mailto:gaminib@ieee.org) |
|  | Lynn | Guthrie | IEEE Member | [lynguthre@ieee.org](mailto:lynguthre@ieee.org) |
|  | Chenyi | Zhang | Non-member | [cyzhang@knights.ucf.edu](mailto:cyzhang@knights.ucf.edu) |
|  | Yuge | Huang | IEEE Member | [y.huang@knights.ucf.edu](mailto:y.huang@knights.ucf.edu) |
|  | Tao | Zhan | IEEE Member | [Tao.zhan@knights.ucf.edu](mailto:Tao.zhan@knights.ucf.edu) |
|  | Chris | Schexnayder | IEEE Member | [Christopher.schexnayder@gmail.com](mailto:Christopher.schexnayder@gmail.com) |
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| [IEEE](http://www.ieee.org/) | **Orlando Section Monthly** |

**Vol. 49, No. 10 – November 2016**

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[](http://ewh.ieee.org/r3/orlando/2016/Nov/index.html#CPMT)

**Section/Society Chapter/Affinity Group Events**

* [Nov. 8 - CPMT Chapter Technical Meeting](http://ewh.ieee.org/r3/orlando/2016/Nov/index.html#CPMT)
* [Nov. 8 - IEEE Orlando Section Executive Committee Meeting](http://ewh.ieee.org/r3/orlando/2016/Nov/index.html#EXCOM)
* [Nov. 16 - WIE Affinity Group Meeting](http://ewh.ieee.org/r3/orlando/2016/Nov/index.html#WIE)

**Section News**

* [IEEE Orlando Section Call For Nominations](http://ewh.ieee.org/r3/orlando/2016/Nov/index.html#Nominations)

**Reports/Newsletters**

* [IEEE Orlando Section Monthly - November 2016: HTML](http://ewh.ieee.org/r3/orlando/2016/Nov/index.html) - [PDF](http://www.ewh.ieee.org/r3/orlando/2016/Nov/IEEE_Orlando_Section_Monthly_Oct_2016.pdf)
* [IEEE Membership Development Report - September 2016](http://ewh.ieee.org/r3/orlando/2016/Nov/MD%20Monthly%20-%20%20Sep%202016.pdf)
* [IEEE Region 3 Newsletter](http://www.ewh.ieee.org/reg/3/)
* [2016 3rd Quarter AICN Consultants Newsletter](http://ewh.ieee.org/r3/orlando/2016/Nov/AICN-Newsletter-Q3-2016-Final.pdf)

**Employment Assistance**

* [Senior Principal Controls Engineer](http://www.ewh.ieee.org/r3/orlando/2016/Nov/Controls%20Engineer%20Principal%20%20-%20%28B%299-21-16.docx)

**Other IEEE News/Events**

* [Refer a Colleague, Get Great Merchandise](http://ieee.fluidsurveys.com/s/ieee-usa/)
* [IEEE Collabratec](http://ieee-collabratec.ieee.org/)
* [IEEE Member Discounts](http://www.ieee.org/discounts)
* [IEEE Member Benefits Bulletin](http://www.ieee.org/ns/mganet/mbb/0416_Benefits_Bulletin_R1-7.html)
* [SOCIETY SENTINEL](http://newsletters.ieee.org/volunteers/sentinel/)
* [The Institute Online](http://newsmanager.commpartners.com/ieeei/issues/2016-04-26-email.html)
* [IEEE USA Today's Engineer](http://www.todaysengineer.org/)
* [IEEE TA Spotlight](http://newsletters.ieee.org/society/MbrNltr)
* [Latest IEEE-USA E-Books’ Free Offerings to Members](http://shop.ieeeusa.org/usashop/product/views/76382)
* [IEEE MGA SCOOP NEWSLETTER](http://www.ieee.org/societies_communities/geo_activities/mga_news.html)
* [IEEE HISTORY CENTER NEWSLETTER](http://www.ieee.org/about/history_center/newsletter/ieee_history_center_newsletter_93.pdf)

**CPMT Chapter Technical Meeting**

The CPMT Chapter of the IEEE Orlando Section is planning to sponsor a technical meeting in conjunction with Sealing Devices, Inc. on EMI / EMC Design Basics and Fundamentals of EMI Shielding (see below for abstract and speaker biography) on Tuesday evening, November 08 (immediately preceding the ExCom meeting). The exact time and location are still to be determined, and will depend on the level of interest in attending received.

**Abstract:** Effective EMI control comes down to suppression and containment. In the drive for faster feature rich devices while balancing SWaP, which do you use? Practical strategies utilize both - seminar topics include EMI/EMC design basics, fundamentals of EMI shielding and EMI/EMC mechanical design (including factors affecting the choice of EMI shielding materials for given application parameters). From conductive flexible materials, coatings, to nano particles, hear what to consider when, see some of the latest EMI shielding materials and techniques, with practical examples, available for more effective package design to meet EMC requirements and avoid last minute issues in compliance testing

**Speaker Bio:** Michael Moretti, BS, Industrial Engineering, University of Buffalo and BS, Business Admin, State University of New York. Product Manager for EMI and Thermal management materials for Sealing Devices Inc., with over 15+ years of experience working with design engineers on effective EMI shielding solutions across multiple markets, combining engineering and business expertise to support customer projects/designs from concept through production while understanding quality, cost and schedule objectives. Through its Electronics Protection product lines Sealing Devices, Inc. is a leading provider of materials and components used in effective electronic package design including EMI, Thermal and Sealing performance."

<https://www.sealingdevices.com/literature>

**Date:** Tuesday, November 8th 2016

**Time:** 6:00 pm - 7:00 pm

**Place:** Golden Corral at 8032 International Drive, Orlando, FL 32819.

**Food:** Provided courtesy of Sealing Devices, Inc...

**RSVP:** Please RSVP to Scott Clary at [scott.a.clary@lmco.com](mailto:%20scott.a.clary@lmco.com), by November 01, 2016

**Contact:** For more information, please contact IEEE Orlando Section CPMT Chapter Chair Scott Clary at [scott.a.clary@lmco.com](mailto:scott.a.clary@lmco.com)

**IEEE Day by Orlando Section and Executive Committee Meeting**

**Date:** Tuesday, November 8th 2016

**Time:** 7:00 - 8:00 pm: Executive Committee Meeting

**Place:** Golden Corral at 8032 International Drive, Orlando, FL 32819.

**Cost:** Meeting attendance is free to all IEEE members and Non-IEEE members.

**RSVP:** Ravi Rajaravivarma, [ravi.shrees@gmail.com](mailto:%20ravi.shrees@gmail.com), tel. 860-967-4845.

**Website:** [www.ieee.org/orlando](http://ewh.ieee.org/r3/orlando)

A non-profit organization, IEEE is the world's largest professional association for the advancement of technology.

**WIE Affinity Group Meeting**

**Topic:** Meeting: Meet, Greet and Plan

**Date:** Wednesday, November 16th 2016

**Time:** 5:30 pm to 7:00 pm

**Place:** HEC 101A, UCF campus

**Contact:** P. Wahid 407-823-2610

**Website:** [www.ieee.org/orlando](http://ewh.ieee.org/r3/orlando)

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**Nominating Committee:**

* Scott Clary ([scott.a.clary@lmco.com](mailto:scott.a.clary@lmco.com))
* Joe Juisai ([joe@juisai.name](mailto:joe@juisai.name))
* Mike Orlovsky ([mcorlovsky@ieee.org](mailto:mcorlovsky@ieee.org))