

Orlando Florida Section Report to R3 – 2013/04/05

Introduction

The Orlando Section established in 1959 serves over 1,200 members in the counties of Orange, Osceola, Seminole, Lake and Sumter in the state of Florida. We have nine active society chapters. We have three established student chapters – University of Central Florida, DeVry University, and Valencia College. Most monthly EXCOM meetings have an average of 20 people in attendance with participation from both industry and academia. Our Technical Meetings in the evening average 10-15 members while our student chapter events can approach 30-50 when held on campus.

Most fun activity/program your section has had recently?

The February 23, 2013 Central Florida Engineer's Week Awards Banquet. Dr. Michael Hassan and Dr. Deb Hall accepted the Florida Engineering Foundation scholarship award for the program "Promoting Engineering to Pre-College Students through STEM Projects. RLF was nominated by the IEEE and was awarded "Outstanding Organization of the Year (Private Sector < 100 Employees)". For the first time in many, many years, our turnout filled two tables.

Most successful activity/program your section has had recently.

STEM Rocks 5th Grade Outreach events and volunteer events at Give Kids the World are drawing student members, members, and life members together for great causes.

Member Engagement Activities: What did your Section do related to member engagement beyond meetings (projects, activities, etc.)?

We are holding our Section Annual Picnic on Saturday, April 13th.

Section activities focused outward:

STEM Rocks 5th Grade Outreach events and volunteer events at Give Kids the World.

Barriers: What barriers does your section have in carrying out these activities?

Drawing new members out to volunteer and participate in these events.

Issues requiring action by the Region 3 ExCom or Committee.

Request student officer training in Orlando next year.

Detailed list of Activities completed or planned for Orlando Section in 2013.

1. Meeting Topics

- [Jan. 8 - Executive Committee Meeting](#)
- [Jan. 15 - IEEE Photonics Society/S-PAC Seminar: Engineering Career Strategies](#)
- [Jan. 21 - IEEE PES Presentation - Principles of Paralleling Switchgear](#)
- [Jan. 31 - IEEE Photonic Society Distinguished Speaker Seminar: The Art and Science of Packaging High-Coupling Photonics Devices and Modules](#)
- [Feb. 12 - Executive Committee Meeting](#)
- [Feb. 21 - IEEE Orlando Section Consultant's Network and PACE Technical/Professional Meeting](#)
- [Feb. 23 - 2013 Central Florida Engineer's Week Awards Banquet](#)
- [Mar. 12 - Executive Committee Meeting](#)
- [Mar. 14 - IEEE Photonic Society Distinguished Lecture](#)
- [Mar. 22 - STEM Rocks 5th Grade Outreach event from 1PM to 3PM at Three Points Elementary School](#)
- [Apr. 5 - IEEE MTT/AP Orlando Chapter Meeting](#)

2. Meetings Attended

- [Feb. 23 - 2013 Central Florida Engineer's Week Awards Banquet](#)

3. Future Events

- [Apr. 9 - Executive Committee Meeting](#)
- [Apr. 9 - Second and Final Technical Meeting for IEEE Consultants' Network Affinity Group](#)
- [Apr. 9 - IEEE Orlando PES/PELS/IAS: April Technical Conference: Distribution Protection](#)
- [Apr. 13 - IEEE Orlando Section Spring Picnic](#)
- [Apr. 16 - IEEE Orlando PES/PELS/IAS: April Technical Conference: Selective Coordination](#)
- [Apr. 19 - STEM Rocks 5th Grade Outreach event from 1PM to 3 PM at Tildenville Elementary in Winter Garden](#)
- [Apr. 23 - IEEE Orlando PES/PELS/IAS: April Technical Conference: Transformer Protection](#)
- [Apr. 30 - IEEE Orlando PES/PELS/IAS: April Technical Conference: Short Circuit Analysis](#)
- [May 23 - IEEE Orlando Communications/Signal Processing Technical Meeting: Network Coding as Dynamical System](#)
- [May 24 - STEM Rocks 5th Grade Outreach event from 1PM to 3PM at Three Points Elementary School](#)

4. College Student Activities

- Student Outreach and Give Kids the World Engineering Project Volunteers

5. Challenges

- Retaining members and converting student members into full members.

6. Recruitment

- The following Orlando Section members were elevated to Senior Member in February: Sasan Fathpour, Terrell Mccloud, Richard Wright

7. Communication

- Section events and activities are announced on the section website (<http://www.ewh.ieee.org/r3/orlando/>), a monthly email newsletter, and the Orlando Sentinel newspaper.

8. Chapter / Affinity Group Activity

- [Jan. 15 - IEEE Photonics Society/S-PAC Seminar: Engineering Career Strategies](#)
- [Jan. 21 - IEEE PES Presentation - Principles of Paralleling Switchgear - Flyer](#)
- [Jan. 31 - IEEE Photonic Society Distinguished Speaker Seminar: The Art and Science of Packaging High-Coupling Photonics Devices and Modules](#)
- [Feb. 21 - IEEE Orlando Section Consultant's Network and PACE Technical/Professional Meeting](#)
- [Mar. 14 - IEEE Photonic Society Distinguished Lecture](#)
- [Apr. 5 - IEEE MTT/AP Orlando Chapter Meeting](#)

9. Conferences

- Mar. 6-7 - Florida Advanced Manufacturing Expo
- Mar. 7 – RTECC Conference
- Mar. 16-17 - IEEE 8th Symposium on 3D User Interfaces
- Mar. 18-20 - IEEE Virtual Reality 2013
- Mar. 21-23 - ACM i3D Conference
- [Apr. 14-16 - WAMICON 2013](#)
- [Apr. 30-May 2 - IEEE RFID Conference Orange County Convention Center](#)

10. Awards

- Dr. Michael Hassan and Dr. Deb Hall accepted the Florida Engineering Foundation scholarship award for the program “Promoting Engineering to Pre-College Students through STEM Projects. The award was given at the Central Florida Engineer’s Week Awards Banquet.
- RLF was awarded “Outstanding Organization of the Year (Private Sector < 100 Employees)” at the Central Florida Engineer’s Week Awards Banquet. RLF was nominated by the IEEE.
- Aaron Stanley was nominated by the IEEE Orlando Section for the “Emerging Leader” Award at the Central Florida Engineer’s Week Awards Banquet.