

IEEE Huntsville Section Report for SoutheastCon2014

The Huntsville Section officers for 2014 are:

Section Chair: Eric Grigorian

Section Vice Chair: Sonya Dillard

Secretary: Paul Sullivan (newly appointed)

Treasurer: Dr. Willie Fitzpatrick

Membership Development Chair: Woody Williams

Educational Activities Chair: Dr. Jennifer Deang

Professional Activities (PACE) Chair: Sonya Dillard

Meetings:

IEEE Huntsville section activities have been increasing with the Section hosting meetings above and beyond Society technical meetings. In the last 3 months we have hosted the following activities:

- 1. 2014 E-Week Awards and Banquet.** Keynote Speaker: Tim Pickens
Attendees: 144
Location: Jackson Center
- 2. 2014 Reional FutureCity Competition.** Keynote Speaker: Tim Pickens
Attendees: 20 Middle Schools in Alabama
Location: University of Alabama in Huntsville
- 3. NASA / ISS Payload Operation Center Tour: Section & JRACS Joint Meeting**
Location: Marshall Space Flight Center

Goals:

- Train ExCom members on usage of productivity tools such as WordPress, VTools, SAMIEEE, and NetSuite
- Hold at least 4 technical meetings in 2014 by Section and member Societies, including at least one Distinguished Lecturer
- Re-engage Alabama A&M Student Chapter in SoutheastCon 2015 participation
- Hold 60th Anniversary Social event by October 2014
- Engage and reduce the number of members in arrears by 20%
- Evaluate potential new conferences to be held in Huntsville
- Send at least 1 officers to SoutheastCon 2014
- Send one officers to Sections Congress 2014

Obstacles:

- Finding suitable presenters that increase attendance at meetings
- Engaging members to step-up and engage in ExCom activities
- Getting employers involved in members IEEE activities (time off, etc)
- Lack of consistent venue location for meetings

- Lack of centralized storage location for Section artifacts and data

Issues requiring action by Region 3 Excom or Committee:

- Develop and Communicate membership Value Proposition

In 2013, IEEE Section was nominated and awarded as the Huntsville Areas Technical Societies (HATS) Society of the year during the annual Profession of the Year (POY) award ceremonies.

Huntsville Section also had the following Technical and Social activities during 2013:

| Meeting Title | Organizational Unit | Meeting Date | Number of Attendees | Event Category |
|-----------------------------------------------------------------------------------------------------------------------|----------------------|--------------|---------------------|----------------|
| Which is Better: Use one Value Capacitor or Three Different Values for the Power Distribution Network | EMC27 | 1/10/13 | 54 | Technical |
| Update on the MIL-STD-461G Process, Presently Underway | EMC27 | 2/21/13 | 37 | Technical |
| IEEE GOLD Lunch and Learn | GOLD | 3/18/13 | 22 | Professional |
| Practical Signal Integrity, or the proper care and feeding of digital electronics | EMC27 | 3/21/13 | 35 | Technical |
| Demonstrate how the planar near-field measurement approach can be used to quickly characterize mobile device antennas | EMC27 | 4/18/13 | 35 | Technical |
| Track-to-Track Fusion Architectures (Distinguished Lecturer) | AES10 | 4/24/13 | 59 | Technical |
| Circuit Board Design Round Table Discussion | EMC27 | 5/16/13 | 31 | Technical |
| IEEE GOLD Happy Hour | GOLD | 5/21/13 | 6 | Nontechnical |
| Backhauling in TV Whitespaces (Distinguished Lecturer) | AP03/MTT17/ COM19 | 5/22/13 | 28 | Technical |
| IEEE GOLD Investment Seminar | GOLD | 7/11/13 | 14 | Nontechnical |
| IEEE AESS Meeting: Simulation-based Approaches for Systems Engineering | AES10 | 7/29/13 | 70 | Technical |
| Principles of Lightning and Primary Protection | EMC27 | 8/15/13 | 69 | Technical |
| HudsonAlpha: Institute for Biotechnology | SECTION | 8/22/13 | 37 | Professional |
| High Performance Data Cables (Distinguished Lecturer) | EMC27 | 9/19/13 | 35 | Technical |
| IEEE Huntsville Section Tours at "Straight To Ale Brewery!!!" | SECTION | 9/27/13 | 33 | Nontechnical |
| Annual Business Meeting | EMC27 | 10/17/13 | 11 | Nontechnical |
| IEEE Huntsville Section Tour - GE Intelligent Platforms | TM14 | 10/24/13 | 14 | Technical |
| IEEE Technology Management Council (TMC) Meeting | TM14 | 11/12/13 | 23 | Technical |
| IEEE JRACS Event: Arduino Robotics Workshop - Session 1 | CS23 | 11/14/13 | 23 | Technical |
| IEEE JRACS Event: Arduino Robotics Workshop - Session 2 | CS23 | 11/14/13 | 23 | Technical |
| Auburn vs. Georgia Game Party | CS23 | 11/16/13 | 43 | Nontechnical |
| IEEE Section Tour & JCAM Technical Meeting | AP03/MTT17/ COM19 | 11/21/13 | 18 | Technical |
| IEEE Section Tour & Computer Society Meeting | C16 | 11/21/13 | 18 | Technical |
| IEEE AESS Meeting: Space-Time Adaptive Processing for Radar Applications | AES10 | 12/13/13 | 70 | Technical |
| IEEE Huntsville Section - Annual Meeting (Joint) | SECTION/PHO36 | 12/13/13 | 19 | Nontechnical |
| IEEE Section Tour - Benchmark Electronics (Joint) | C16/PHO36 | 12/19/13 | 13 | Technical |