






Huntsville Section – Region 3

**Prepared for the IEEE Sections Congress
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Chair, 2013-2014**

Agenda

- 2014 Goals
- Section Composition
- STEM/STEAM Outreach Activities
- Technical Activities

2014 Goals

1. Train ExCom members on usage of productivity tools such as WordPress, VTools, SAMIEEE, and NetSuite
 -  – Developed internal training and conducted training sessions in March 2014.
2. Hold at least 4 technical meetings in 2014 by Section and member Societies, including at least one Distinguished Lecturer
 - On track for most Societies
3. Re-engage Alabama A&M Student Chapter in SoutheastCon 2015 participation
 - Awaiting for Fall Semester to begin to re-engage new leadership
4.  Hold 60th Anniversary Social event by October 2014
 - Celebrated with Dinner Cruise on August 9th
5. Engage and reduce the number of members in arrears by 20%
 - Falling short in meeting goal
6. Evaluate potential new conferences to be held in Huntsville
 - Have identified individuals interested in supporting SoutheastCon 201X
7. Send at least one officer to SoutheastCon 2014
 -  – Complete – Willie Fitzpatrick represented Huntsville Section
8. Send one officer to Sections Congress 2014
 -  – Complete – Eric Grigorian representing Huntsville Section
9.  Additionally sent representatives to IEEE-USA in Rhode Island and IEEE WIE International Leadership Conference in San Jose, CA

Section Composition

- Huntsville Section includes the following Societies/Affinity Group:
 - Aerospace and Electronic Systems Society (AESS)
 - Computer Society (CS)
 - Electromagnetic Compatibility (EMC) Society
 - Joint Communication, AP, and MTT (JCAM) Society
 - Joint Robotics & Automation - Control (JRAC) Society
 - Technical Management Council (TMC)
 - Young Professional Society

STEM/STEAM Outreach Activities

- FutureCity Competition – Huntsville Section actively sponsoring for the past 11 years
- North Alabama Regional Science and Engineering Fair
- Alabama Science and Engineering Fair
- Alabama Consortium on Technology in Education (ACTE)
- Tennessee Valley BEST (Boosting Engineering, Science, & Technology) Robotics
- FIRST Robotics
- Huntsville Area Technical Societies' STEDTRAIN (Science and Technology Education and TRAINing)

2014 Technical Activities

- **January 16th, 2014** IEEE EMC Society Technical Meeting - Practical Test Issues with Bulk Cable Injection Testing – Speaker: Ken Javor
- **January 22nd, 2014** IEEE Huntsville Section Tour - Emerson Network Power, Avocent Headquarters
- **February 20th, 2014** National Engineer’s Week Banquet – IEEE Huntsville Section Host for all Technical Societies in Huntsville Metropolitan Area _
Speaker: Tim Pickens
- **April 8th, 2014** Lunch-n-Learn - IEEE Technology Management Council - “Management of Research, Development, and Engineering: Lessons Learned” - Dr. Brian Smith – Chief RF Technology
- **April 16th, 2014** Lunch-n-Learn - IEEE Young Professionals Career Advice Panel - An Early Career Advice Panel discussion. Dr. Brian Smith, Dr. Bob Berinato and Brian Wolfson panelists providing insight for careers in Electrical Engineering.
- **March 18th, 2014** Lunch-n-Learn - IEEE Computer Society - Forward-Thinking Mobile Technology - Verizon Wireless
- **April 17th, 2014** DLT Technical Meeting - IEEE EMC Society Introduction to antenna parameters and Antennas for EMC; Automotive EMC: Components and full vehicle; Anechoic Chambers and Absorber – Speaker: Vincente Rodriguez

2014 Technical Activities (Cont'd)

- **April 25th, 2014** University of Alabama in Huntsville Faculty Senator Distinguished Lecture - IEEE Travel Lecture - Multi-scale Computational Electromagnetics for Applications in Subsurface Sensing, Microwaves, and Nanophotonics – Speaker: Prof. Qing Huo Liu
- **May 15th, 2014** IEEE EMC Society Technical Meeting - Preparation and Process for the Publication of Technical Papers – Speaker: Phil Bording
- **June 10th, 2014** Lunch-n-Learn: IEEE Technology Management Council - “The Virtual Landfill: Disposing of Software in DoD”, By: Professor John Rice, Defense Acquisition University
- **June 27th, 2014** Training Course: IEEE Young Professionals, Hands-On Oscilloscope Training – Hands-On Training by Rohde & Schwarz, “Getting the most out of Oscilloscope Measurements, and Embedded Wireless Debug Techniques”
- **July 23rd, 2014** Lunch-n-Learn: IEEE AESS, Young Professionals, and JCAM Meeting - Technical lecture and demonstration of Ultra-Wideband Radar – Speaker: Brandon Dewberry, Chief Technology Officer for Time Domain Corporation
- **August 9th, 2014** IEEE Huntsville Section 60th Anniversary Celebration: Pickwick Belle Dinner Cruise
- **August 21st, 2014** IEEE Section Tour: Huntsville Energy Waste Electric Plant

Activities

