

2013 IEEE Winston-Salem Section Report

SoutheastCon 2014 – Lexington, KY

The active membership count of the Winston-Salem Section as of the end of February 2014 is currently 134, breaking down as follows:

- Members: 78 (58% of membership)
- Senior Members: 25 (19% of membership)
- Student Members: 18 (13.5% of membership)
- Graduate Student Members: 10 (7.5% of membership)
- Associate Members: 3 (2% of membership)

Included in these totals, there are 8 members with "Life Senior" status, and 12 members with "Life Member" status. There are currently 61 members in arrears.

We conducted 5 Technical and 4 Non-Technical meetings and 4 ExCom meetings. Technical meeting topics included Raspberry Pi, Configurable ASICs, Medical Imaging, Robotics, Parallel Computing and Electronic Platforms. Our most “fun” meetings involved Raspberry Pi and our new Student Club’s 3D printer project.

Two newsletters were published during the year, one in Spring and one in the Fall. In May, the section also sent members (equipped with demonstration materials) to Atkins High School to evangelize the IEEE and Engineering for a STEM night there.

Our EMBS Club at the Wake Forest University/Virginia Tech Bioengineering Program continues to grow and be very active in support of local STEM and STEaM programs as well as tutoring in the local high schools in technical subjects. Many members volunteer at the local Children’s Hospital and the group conducts many social and fund-raising functions throughout the year to support local charitable organizations such as Toys for Tots, Ronald McDonald House, Food Drives and volunteering at the Children’s Hospital.

Our newest Student Club at Forsyth Technical Community College is growing. They built a 3D printer and have demonstrated it at the local Hacker Space, North Carolina Maker Faire and the IEEE Robotics group at NC State University. They currently are working on a PLC conveyor system and an analog synthesizer system.

We now have a dedicated PACE Chair who has connected our Section with the local Toastmasters group and is becoming involved in local organizations. She is currently planning PACE-related combined meetings with other NC Sections and similar related groups.

2014 shows promise for increased membership and student involvement as well as more focus on liaison with local industry. We recently have had visitors from the local ASME organization who are expressing interest in coordinating with, if not joining, our Section.

Respectfully submitted,

Jeffrey S. Mueller, PhD, EE

Chairman, Winston-Salem Section