

IEEE Eastern North Carolina Section (ENCS)  
Region Three Report

<i>Position: Officers</i>	<i>Name</i>
Chair	Roger Lawrence
Vice Chair	Tom Jepsen
Secretary	Dev Palmer
Treasurer	Jai Singh Arun
Past Chair	Dave Ruden
<i>Position: Committee Chairs</i>	
Awards and Recognition	Lee Haas
Educational Activities	Jai Singh Arun
Membership Chair	Jim Ray
Newsletter Editor	Matt Horrer
Professional Activities	Charles Lord
Student Activities	Bart Greene
<i>Position: Chapter Chairs</i>	
Computer Society	Chris Siegl
Engineering in Medicine and Biology (EMBS)	Thomas Jepsen
Electromagnetic Compatibility	Glenn Robb
Power Engineering/Industrial Applications	Roger Lawrence
Geoscience and Remote Sensing	Linda Hayden
Communications Society ... COM19	Thomas Jepsen
Signal Processing, Information Technology SP01/ IT12	Joel Trussell
Engineering Management Technology	Subroto Bhattacharya
Women In Engineering	Jana Jenkins
Robotics and Automation	Grayson Randall
"ACME" (Antennas and Propagation, Components, Packaging, and Manufacturing Technology, Microwave Theory and Techniques, and Electron Devices)	Dev Palmer
Computational Intelligence	Mo-Yuen Chow
Distance Learning	Steve Walsh
<i>Position: Special Interests/Outreach</i>	
Employment Committee	Harold Meder
Biotech Job Hunt Collaboration	Walter Heger
Embedded Systems, Special Interest Group	Steve Lund
K-12 Outreach	Chris Siegl
IEEE ENCS CARE	Lee Griffin

## IEEE ENCS Activities for 2006

IEEE ENCS holds an Executive Committee Meeting every month for planning and project organization. This provides an excellent forum for communication and exchange of ideas.

IEEE ENCS organizes Section Meetings for every third Thursday of the month where members are able to meet and network over light refreshments and take part in technical discussion. Typically these meetings are in the form of a presentation followed by questions and they are held at either the university or a local college. We also include appropriate field trips and in May visited IBM's EMC laboratory. This year we have addressed topical and important subjects like arc flash protection and the storage of electrical energy. We learned about some of the applications of nanotechnology and its potential. By tradition our summer Section meeting is a family picnic. This year we visited the local radio station where we ate lunch, were given a tour of the facility, met with their staff and volunteers, and listened to a guest speaker from Microsoft Corporation. It was an enjoyable day for the whole family. It was reported that even our teenage guests were impressed! A second summer meeting for engineering families was a visit to The Morehead Planetarium. Both these family events were very well attended.

Individual IEEE ENCS Chapters hold at least two meetings during the year. Some invite distinguished lecturers to speak on current technological progress. The Power Engineering and Industrial Application Chapters looked at power quality issues and electromagnetic interference. Engineering Management has offered management workshops in leadership. Our Embedded Systems group usually runs alternate months, covers a variety of topics applicable to a variety of disciplines, and is well attended. The Robotics Chapter and Women in Engineering sponsored a presentation from Lotus that considered advances in automotive design. This attracted a large student representation. Also Robotics organized a presentation that described the collaboration taking place in Eastern North Carolina in developing an Advanced Vehicle Research Center.

Our purpose is to offer value and interest to the membership by meeting some of their technical needs, offering intellectual stimulation and variety, and extending opportunities for networking. We run a newsletter that publishes quarterly. We are working at all levels to improve communication and increase participation especially in remote areas. Our website and associated web calendar is available for the membership and contains news, meeting details, and contact information. We are exploring the possibility of distance learning. We are committed to making PDH credits available to our members through approved technical courses and we have reestablished contact with NC State Board of Registration for engineers. We are in the process of forming a new chapter for the Industrial Electronics Society. We support local organizations in technical ventures when we can. We are supporting an initiative that is taking technical instruction into the classroom. Some of our members are directly involved. We look forward to hearing how this venture works out. We have revitalized contact with the student group at NCSU.

An end of year report serves well to focus on what has been achieved and highlight what remains to be done. IEEE ENCS is a work in progress. We are supported in every way by the many enthusiastic members who volunteer their time and by past chair persons and officers who continue to offer assistance. We recognize their continued hard work and interest and we thank them.

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Chair IEEE ENCS

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