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**Subject:** **IEEE Alabama Section Report for March 2011 Region 3 Meeting**  
**Date:** March 16, 2011 12:27:16 PM CDT  
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ISSUES REQUIRING REGION 3 ATTENTION

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None

NOTABLE SECTION ACTIVITIES/ACCOMPLISHMENTS

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- \* Alabama continues to be a vital and active through the meetings and activities of the Section and five Societies, GOLD Affinity Group and Student Branches.
  - \* Alabama Established and Commissioned a new Magnetics Society.
  - \* The Alabama Section continues to promote careers in engineering to High School students via MathCounts and the BEST Robotics Competition. For the third year in a row, the Alabama Section provided the personnel for the "A" Team Committee to produce the Blazer BEST Robotics competition. Additionally, the Alabama Section helps encourage and showcase participating student teams by helping sponsor their attendance at the annual Engineering Council of Birmingham Awards Banquet.
  - \* The Alabama Section celebrated the inaugural edition of IEEE Day. This celebrated the achievements of IEEE members and recognized IEEE members past, present, and future on the anniversary of the first time IEEE members gathered to share their technical knowledge

MEETINGS HELD

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- \* Section Meetings Held since the 2010 SECON meeting
    - April - RFID Technology
    - May - Plant Inspections
    - June - Climbing the Corporate Ladder
    - September- Cyber Security
    - November - Tour of the "Rick and Bubba Broadcast Studio"
    - December - Christmas Social and Awards Program
    - January - Cyber Security in the Home
    - February - Preview of Upcoming 2011 SECON
  - \* Society Meetings Held
    - Industry Applications (IAS) - UPS Systems Overview, Engineering Licensure, Control Switch Technologies, Switchboards vs Switchgear, Energy Efficient Lighting

(LED vs Fluorescent)

- Power and Energy (PES) - Biomass Fueled Generating Plants, Interruption Pulse Closing, The Development of Geographic Information Systems for Electrical Utilities, Distribution energy Efficiency Program, Substation Integration, Solar & Wind Research, Plant Harris GSU Restoration Project, Discussion of Synchrophasors research and utilization
- Computer Society - Video Over Cognitive Radio Networks, Use of Domain-Specific Languages for the Development and Configuration of Embedded Controllers,
- Communications Society (ComSoc) - Secure Internet Communications, Mars Exploration Rover, Residential Electrical Protection, Architectural Support for Internet Evolution and Innovation, Discrete Fourier Transform Tutorial, Engineering Licensure - Now and the Future
- Magnetics Society -
- GOLD Affinity Group - Blood Drive, SocialIEEEz

\* 2011 Section Officers

Past-Chair: Danny Merkl  
Treasurer: Michael Cannady  
ComSoc: John Spencer  
Computer: Jeff Gray  
Industry Applications: Geoff Clark  
Power and Energy: Ted Warren  
Magnetics: J.W Harrell  
GOLD Affinity: Symya Williams

Report Submitted by  
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