



SoutheastCon 2010

March 18-21, 2010, Charlotte-Concord, North Carolina

IEEE SoutheastCon 2010: Energizing Our Future

<http://www.southeastcon2010.org>

IEEE SoutheastCon2010 is the annual IEEE Region 3 Technical, Professional, and Student Conference. It brings together electrical, computer, and other engineering and science professionals, faculty, and students to share the latest information through technical sessions, tutorials, and exhibits. Attendance and technical program participation from areas outside IEEE Region 3 are also cordially encouraged and welcomed.

Scope of the Technical Program: IEEE SoutheastCon 2010 invites prospective authors to submit their technical work on all aspects of engineering, science, and technology of current interest, to the conference. The conference technical program includes, but is not limited to, the following technical categories:

- **Power and Energy**
- **Computer and Software Engineering**
- **Communications and Networking**
- **Embedded Systems**
- **Control and Automation**
- **Electromagnetics and Microwaves**
- **Nuclear Science and Engineering**
- **Circuits, Devices, and Semiconductors**
- **Robotics and Computer Vision**
- **Optics and Optoelectronics**
- **Nanotechnology and Materials**
- **Bioengineering and Informatics**
- **Signal Processing and Image Processing**
- **Instrumentation, Measurement and Testing**
- **Geoscience and Ocean Technology**
- **Remote Sensing and Sensor Networks**
- **Military and Security Applications**
- **Topics on Sustainability**
- **Application and Interdisciplinary Topics**
- **Education**

IEEE SoutheastCon 2010 will feature presentations of technical papers, as well as tutorial sessions and workshops. Theoretical and applied topics are encouraged for all sessions. Program questions of a general nature should be directed to the Technical Program Chair, at tpc@southeastcon2010.org.

Technical Paper Timeline: All papers (up to 6 pages) will be reviewed. Standard papers will be 4 pages in length but may contain up to 2 additional pages (extra page charge). Authors should indicate a preference for either an approximate 15 minute oral presentation format or a poster-session presentation format. All accepted papers with paid registration will appear in the conference proceedings and IEEE Xplore.

- Submission of full-length papers for review (in .pdf) is due by **December 1, 2009 (firm)**.
- Review of submitted full-length papers will be completed by **January 15, 2010**.
- Paper certificate and copyright forms will be available to authors by **January 18, 2010**.
- Final submission of the accepted full-length reviewed papers is due in electronic form (.pdf) by **February 1, 2010. Note: Author's conference registration is due at this time.**

IEEE reserves the right to exclude a paper from distribution after the conference (e.g., removal from IEEE Explore), if the paper is not presented at the conference.



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Technical Paper Submission Information: The submission and review of technical papers for IEEE SoutheastCon 2010 will be handled by the conference's paper submission and review system, accessible from the IEEE SoutheastCon 2010 website. The submitted papers must contain original work and not have been previously published or presented elsewhere. All full-length reviewed papers accepted for IEEE SoutheastCon 2010 will be published in the IEEE SoutheastCon 2010 proceedings on CD and IEEE Xplore. At least one author must pre-register for the conference, paying the full registration fee, in order to have their paper included on CD and IEEE Xplore. During the acceptance process, the corresponding author will identify the presenter of the paper. A total of 4 double-column printed pages are allowed for each full-length reviewed paper. A page charge of \$100.00 will be applied for each extra page (up to 2 pages for full-length reviewed papers) exceeding the 4-page limit (6 pages maximum). All submissions must comply with International Traffic in Arms Regulations (ITAR), U.S. Office of Foreign Assets Control (OFAC) regulations, and IEEE policies.

Technical Presentation Format: Full-length papers may be presented in one of two technical presentation formats: an oral presentation format, or a poster-session format. Authors should indicate preference for either the oral presentation format or the poster-session format at the time of paper submission. Author preference for oral or poster presentation format will be honored where possible. However, conference organizers cannot guarantee any presentation format and reserve the right to set the presentation, due to constraints on facilities and schedules. Notification of final presentation formats will be through publication of the advance technical program schedule on February 22, 2010.

Tutorials and Workshops: Proposals are also invited for tutorials and workshops to be presented at IEEE SoutheastCon 2010. The proposal should include the tutorial or workshop objectives, a brief description (500 words), an outline, proposed length (one-hour, two-hour, or four-hour), and a short professional resume of the instructor. Please send proposals for tutorials and workshops to the Technical Program Chair by November 12, 2009. Tutorial and workshop presentation materials (in .pdf) and handouts (in .pdf) are due by February 1, 2010.

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Conference Registration: Advance conference registration for IEEE members will be \$150 per person plus an additional \$150 per paper. For each paper, at least one author must pay the full non-student registration fee plus the additional paper fee. For example, an author of 2 papers would pay an advance registration fee of $\$150 + 2 \times \$150 = \$450$, and the co-authors would not be required to pay per-paper fees.