

*Innovating for a Better Tomorrow***March 15 – 18, 2012****Wyndham Orlando Resort Hotel, Orlando, Florida**

### ***First CALL FOR PAPERS***

The annual IEEE SoutheastCon conferences promote all aspects of the theories and applications of the engineering disciplines. Sponsored by the IEEE Region-3, this event will attract researchers, professionals, and students from the Southeast region of the U.S. The SoutheastCon 2012 event will be held in Orlando, Florida, at the heart of Central Florida's high-tech corridor. SoutheastCon 2012 will feature tutorial sessions and workshops along with the Technical Program. Questions of a general nature should be directed to the Technical Program Chair Dr. Kalpathy Sundaram at [sundaram@mail.ucf.edu](mailto:sundaram@mail.ucf.edu).

### **Scope of the Technical Program**

IEEE SoutheastCon 2012 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 Sustainable Energy
- Health Informatics and Healthcare
- Communications and Networking
- Control and Automation
- Embedded Systems
- Nanotechnology and Materials
- Signal and Image Processing
- Military and Security Applications
- Data Mining and Machine Learning
- Applications and Interdisciplinary
- Software Engineering
- Sensor Networks
- Electromagnetics and Microwaves
- Geosciences and Remote Sensing
- Robotics and Computer Vision
- Simulation and Game Development
- Bioengineering and Bioinformatics
- Optics and Optoelectronics
- Devices and Semiconductors
- Instrumentation & Measurements
- Topics on Technical Education

#### **IMPORTANT DUE DATES**

Paper Submission: December 9, 2011  
Tutorial Submission: December 19, 2011  
Notification to Authors: January 20, 2012  
Camera-Ready Papers: February 6, 2012

For more details please visit conference Website:  
<http://www.southeastcon2012.org>

**General Chair:** Dr. Donghui Wu, Elsevier/MEDai Inc.,  
[do.wu@elsevier.com](mailto:do.wu@elsevier.com), Tel: 321-281-4561

**Vice Chair:** George McClure, [g.mcclure@ieee.org](mailto:g.mcclure@ieee.org),  
Tel: 407-647-5092

**Technical Program Chair:** Dr. Kalpathy Sundaram,  
University of Central Florida,  
[sundaram@mail.ucf.edu](mailto:sundaram@mail.ucf.edu), Tel: 407-823-5326

**Sponsorship Chair:** Dr. William Hortos, ACERT,  
[w.hortos@ieee.org](mailto:w.hortos@ieee.org), Tel: 407-876-1026