



IEEE

SOUTHEASTCON 2019

April 11-14, 2019 • Huntsville, AL

First 50... Next 50

IEEE SoutheastCon 2019 promotes all aspects of theories and applications of engineering disciplines. Sponsored by the IEEE Region 3, this event will attract researchers, professionals, and students from across the globe and especially from the southeastern U.S. The conference will feature tutorial sessions and workshops along with the Technical Program.

Submit your paper or proposal for tutorial/workshop **NOW** at <http://www.ieeesoutheastcon.org/>.

Questions of a general nature should be directed to the Technical Program Chair (ravi.gorur@uah.edu).

IEEE SoutheastCon 2019 invites prospective authors to submit their original technical work on any aspects of engineering, science, and technology of current interest to the conference. Topic areas appropriate for technical program submissions include, but are not limited to, the following:



Join us in the Rocket City!

Call For Papers, Tutorials, and Workshops

Important Due Dates

Paper Submission: **January 20, 2019**

Tutorial Submission: **January 20, 2019**

Notification to Authors: **February 08, 2019**

Publication-ready version: **February 18, 2019**

Track 1 Power/ Smart Grid	Track 2 Communications/ Signals	Track 3 Computers/ Controls/Robotics	Track 4 Advanced Computing and Technologies	Track 5 Sensor Networks and the IoT	Track 6 Miscellaneous/ Interdisciplinary
Power Systems	Signal and Image Processing	Cybersecurity & Information Assurance	Machine Learning and Artificial Intelligence	Sensor Networks	Nanotechnology Materials, and Additive Manufacturing, 3D printing of electronic components and circuits
Renewable Energy Systems	Communications and Networking	SCADA Security	Virtual Reality/ Augmented Reality	Remote Sensing and Geosciences	Bioengineering, Bioinformatics, Health Informatics, and Social Implications of Technology
Smart Grid and DC Micro-Grids	Personal Area Networks (PAN)	Control and Automation	Self-Driving/UAV and Vehicular Communications	The Internet of Things	Chaos theory and chaotic systems
Energy Harvesting and Wireless Power Transfer	Optics and Infrared Systems	Drones and Robotics	Simulation and Game Development	Industrial Internet of Things	Blockchain Technology
Electric Vehicles/ Charging Stations	Optics and Optoelectronics	Computer Vision and Software Engineering	Big Data and Warehouse Architecture	Internet of Vehicles	Applications in Systems Engineering
Semiconductors Devices and Power Electronics	Electromagnetics, Microwaves, and Radar Systems	Embedded Systems, High Performance Computing, and Parallel Processing	Algorithms and Data Structures	Emerging Technologies in Sensor Networks and IoT	Instrumentation, Measurements

CALL FOR TUTORIALS, WORKSHOPS, and DEMONSTRATIONS

Proposals are being accepted for tutorials, workshops, and demonstrations (TWD) for IEEE SoutheastCon 2019. Tutorials, workshops, and demonstrations will be scheduled from Thursday through Sunday. Special consideration will be given to the following topics:

- Blockchain
- Radar Signal Processing
- Cybersecurity
- Big Data
- Self Driving Vehicles
- Intellectual Property



Proposal Submission Guidelines

Proposals should be no longer than two pages and should include:

- An abstract (limit 500 words)
- An outline of the TWD
- The proposed length of the TWD (1 hour, 2 hours, 4 hours, or 8 hours)
- The resumé(s) of the instructor(s)
- Fees required by attendees
- Any other pertinent information or clarification

Please send electronic copies of the proposals for tutorials, presentations, and workshops (in pdf-format) to the Technical Program Chair, Dr. Ravi Gorur, **email: ravi.gorur@uah.edu**

Technical Paper Submission Information

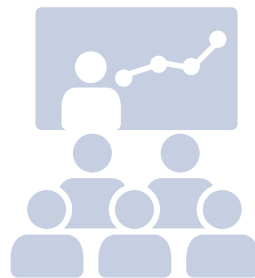
IEEE SoutheastCon 2019 will distinguish regular papers from posters; a regular paper appears as a complete work in the proceedings and is presented in a technical session at the conference, whereas a poster is published as a 2-page extended abstract and presented as a poster.

Paper Format and Template

Please submit papers in “final form” so that all revisions (if any) are minor.

SoutheastCon 2019 adopts IEEE standard conference proceedings format. All submissions should be written in English with a maximum paper length of 4–6 printed pages (10-point font) including figures. Papers exceeding six (6) pages will be subject to additional page fees. The maximum paper length should not exceed eight (8) pages. Papers must be submitted in PDF format. Manuscript Templates for Conference Proceedings for Microsoft Word or LaTeX formats are found on the [ieee.org](http://www.ieee.org) **Manuscript Template** page.

All submitted papers will be checked for plagiarism in addition to being peer reviewed (with a target of three reviews per paper). Authors of submitted papers may be called upon to help review other submissions. Only papers accepted and actually presented at SoutheastCon 2019 will be included in the final electronic proceedings and indexed as IEEE publications.



See the IEEE Web Pages on **Intellectual Property Rights, Plagiarism and Multiple Submissions** for further guidance:

http://www.ieee.org/publications_standards/publications/rights/index.html

http://www.ieee.org/publications_standards/publications/rights/plagiarism.html

http://www.ieee.org/web/publications/rights/Multi_Sub_Guidelines_Intro.html



To be published in the IEEE SoutheastCon 2019 Conference Proceedings and IEEE Xplore®. At least one author of an accepted paper is required to register for the conference at the full or limited (member or non-member) rate and the paper must be presented by an author of that paper at the conference unless the TPC Chair grants permission for a substitute presenter. Non-refundable registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the paper. For authors with multiple accepted papers, one full or limited registration is valid for up to 3 papers.

Conference Registration

Conference registration information can be found on the **SoutheastCon 2019 Registration** information page.