IEEE Region 3 SoutheastCon 2021
Engineers Connecting the World
March 10-14, 2021, Atlanta, Georgia

--DEADLINE EXTENDED--
Call For Papers

SoutheastCon is the annual IEEE Region 3 conference that 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 the conference website http://www.ieeesoutheastcon.org.

Important Due Dates

Paper Submission (new):	**January 24**
Tutorial Submission:	**February 15**
Notification to Authors:	**February 15**
Camera-Ready Papers:	**February 22**

IEEE SoutheastCon 2021 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:E

TRACK 1 Power System & Transportation	TRACK 2 Communications & Network Systems	TRACK 3 Signal & Image Processing	TRACK 4 Machine Learning & Data Analytics	TRACK 5 Automation & Controls	TRACK 6 Advanced Computing & Applications	TRACK 7 Sensors & Measurement Systems	TRACK 8 Interdisciplinary & Miscellaneous
Power Systems	Communication & Networking	Digital Signal Processing	Graph Signal Processing	Adaptive Control	Virtual & Augmented Reality	Remote Sensing & Geosciences	Nanotechnology Materials
Renewable Energy Systems	Wireless Networks	Image Processing	Compressive Sensing	Process Control & Real-time Control	Graph Theory	Biosensing & Physiological Sensing	Additive Manufacturing
Smart Grid	Personal Area Networks (PAN)	Audio & Acoustic Signal Processing	Supervised and Unsupervised Learning	Optimal Control	Simulation and Game Development	Internet of Vehicles	3D printing of electronic components and circuits
Solid State Substations	Network Security	Speech Processing	Deep Learning	Neural Networks	Big Data & Warehouse Architecture	Big Data & Warehouse Architecture	Social Implications of Technology
Wireless Power Transfer	Wireless and Optical Communications	Array & Radar Signal Processing	Reinforced Learning	Embedded Systems	Quantum computing	Manufacturing Industrial Automation Applications	Chaos Theory & Chaotic Systems
Electric Vehicles, Charging Stations & Transportation Electrification	Internet of Things & RFID	Detection, Recognition & Classification	Blockchain	Network Controlled Systems	Cloud Computing	Micro Electronics	Applications in Systems Engineering
Power Electronics & Electric Machines	Emerging Technologies in Sensor Networks & IoT	Adaptive Signal Processing	Algorithms & Data Structures	SCADA Security	Cybersecurity & Information Assurance	Electronics Packaging	Instrumentation & Measurements
Power Semiconductor Devices	Multiuser & MIMO Systems	Distributed Signal Processing	Cognitive Systems	Drones & Robotics	Finite State Machines & Fuzzy Logic	Consumer Electronics	Electromagnetics & Microwaves
Dielectrics	Antenna Propagation and Radar Systems	Medical Imaging	Neural Networks	Computer Vision & Software Engineering	Fractals and Multi-dimensional Harmonics	Optoelectronics	Energy Harvesting

Questions of a general nature should be directed to the Technical Program Co-Chairs, **Dr. Alessio Medda** (alessiomedda@ieee.org) and **Tamseel Syed** (syed.tamseel@ieee.org)

Conference Information & Registration

Conference information can be found on the SoutheastCon 2021 website

http://www.ieeesoutheastcon.org

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TWD 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 (if any)
- Any other pertinent information or clarification

CALL FOR TUTORIALS, WORKSHOPS, and DEMONSTRATIONS

Proposals are being accepted for tutorials, workshops, and demonstration (TWD) for IEEE SoutheastCon 2021. Tutorials, workshops, and demonstrations will be scheduled from Thursday through Sunday morning.

Please send electronic copies of the proposals for tutorials, presentations, and workshops (in pdf-format) to the Technical Program Co-Chairs, **Dr. Alessio Medda** (alessiomedda@ieee.org) and **Tamseel Syed** (syed.tamseel@ieee.org).

TECHNICAL PAPER SUBMISSION INFORMATION

IEEE SoutheastCon 2021 will distinguish regular papers from poster papers; 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 only as a 2-page extended abstract and is less formally presented as a poster. At least one author for each accepted paper/poster must register as an author for, attend, and present the work at IEEE SoutheastCon 2021. All paper submissions will be checked for plagiarism and fully peer reviewed (targeting at least 3 reviews per paper).

PAPER FORMAT and TEMPLATE

Please submit papers in "final form" so that all revisions (if any) are minor. Once accepted, we will ask that you add back any identifying information as well as format for publication (adding copyright information and submitting through PDFXpress).

SoutheastCon 2021 adopts IEEE standard conference proceedings format. All submissions should be written in English with a maximum paper length of eight (8) printed pages (10-point font) including figures. Papers exceed 8 pages will not be reviewed. Papers have to be submitted in PDF format. Manuscript Templates for Conference Proceedings for Microsoft Word or LaTeX formats are found on the **IEEE Manuscript Template page** (https://www.ieee.org/conferences/publishing/templates.html).

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 2021 will be included in the final electronic proceedings and indexed as IEEE publications.

Papers are reviewed on the assumption that they do not contain plagiarized material and have not been submitted to any other conference at the same time (multiple submissions). These matters are taken very seriously, and the IEEE will take action against any author who has engaged in either practice.

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

- http://www.ieee.org/publications/rights/index.html
- http://www.ieee.org/publications/rights/plagiarism/plagiarism.html
- http://www.ieee.org/publications/rights/multi-sub-guidelines-intro.html

To be published in the IEEE SoutheastCon 2021 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.

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