

ISCAS 2020

Sevilla SPAIN

IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS MAY 17-20

Call for Papers

The IEEE International Symposium on Circuits and Systems (ISCAS) is the flagship conference of the [IEEE Circuits and Systems \(CAS\) Society](#) and the world's premiere networking forum for researchers in the highly active fields of theory, design and implementation of circuits and systems. This is accomplished through technical conference sessions, poster sessions, live demonstration sessions, and publication of conference papers. ISCAS 2020 will be driven by the theme **Deploying CASS Knowledge towards Society Grand Challenges** aiming to emphasize the potential of the CAS Society to find multidisciplinary solutions for the societal and engineering challenges of our times.

To implement the above vision, this year's meeting will highlight the following innovation themes

- Emerging Technologies
- Smart Systems for Automotive
- Cognitive Computing and Deep Learning
- Personalized Healthcare Systems
- Brain: Innovation NeuroTechnologies
- Internet of Things
- Big Data Processing
- Artificial Intelligence
- Cyber-Physical Systems
- Sustainable Computing and Systems
- Energy-aware Systems and Services
- 5G and Multi-Gigabit Optoelectronics Comm

by collecting contributions in all areas of Circuits and Systems, including but not limited to the following topics:

- Analog and Mixed Signal Circuits and Systems
- Digital Integrated Circuits and Systems
- Communications Circuits and Systems
- Power and Energy Circuits and Systems
- Beyond CMOS: Nanoelectronics and Hybrid Systems Integration
- Biomedical Circuits and Systems
- Sensory Circuits and Systems
- Neural Networks and Neuromorphic Engineering
- Nonlinear Systems and Circuit Theory
- Digital Signal Processing
- Visual Signal Processing and Communications
- Multimedia Systems and Applications
- Education in Circuits and Systems

Selected ISCAS2020 papers will be invited for possible publication either in the [IEEE Transaction on Circuits and Systems – Part I](#), in the [IEEE Transaction on Circuits and Systems – Part II](#), or in the [IEEE Transaction on Biomedical Circuits and Systems](#).

ISCAS2020 will also implement **Open Preview**: the conference proceedings will be available open access on IEEE Xplore approximately 3 weeks before the conference.



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Important Dates

Submission deadline for Special Session Proposals:	30 Sep. 2019
Submission deadline for initial Regular Papers:	20 Oct. 2019
Submission deadline for (one-page) Live Demo Proposals:	3 Nov. 2019
Submission deadline for CAS Transactions papers:	17 Nov. 2019
Submission deadline for Tutorials Proposals:	9 Dec. 2019
Notification of Acceptance (for all Papers):	29 Dec. 2019
Notification of Acceptance (for Demos and Tutorials):	10 Jan. 2020
Final Submission Deadline:	28 Jan. 2020

ISCAS 2020 General Chairs

Ángel Rodríguez-Vázquez, Univ. Sevilla, Spain – <angel@imse-cnm.csic.es>

Eduard Alarcón, UPC Barcelona Tech, Spain – <eduard.alarcon@upc.edu>

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