



FLORENCE ITALY | MAY 27-30 2018

ISCAS·2018

Call for Papers

THE ART OF CIRCUITS & SYSTEMS

ISCAS is the flagship conference of the IEEE Circuits and Systems Society and the world's premier networking and exchange forum for researchers in the highly active fields of theory, design and implementation of circuits and systems. ISCAS2018 focuses on the **Art of Circuits and Systems** to highlight the strong foundation in methodology and the integration of multidisciplinary approaches which are the distinctive features of CAS contributions. The worldwide CAS community is exploiting such **Art** to change the way in which devices and circuits are understood, optimized, and leveraged in a variety of systems and applications.

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

- Smart Manufacturing & Industry 4.0
- Smart Systems for Automotive
- Cognitive Computing & Deep Learning
- Personalized Healthcare Systems
- Internet of Things
- Big Data Processing
- EDA Methodologies

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

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

Selected ISCAS2018 papers will be invited for possible publication either in the **IEEE Trans. on Circuits and Systems – Part I**, in the **IEEE Trans. on Circuits and Systems – Part II**, or in the **IEEE Trans. on Biomedical Circuits and Systems**. ISCAS2018 will also implement **Open Preview**: the conference proceedings will be available open access on *IEEE Xplore* approximately 3 week before the conference

Special Session proposals: 9 Oct 2017
Papers submission: 16 Oct 2017
Live Demo proposals: 20 Nov 2017
Tutorials proposals: 18 Dec 2017
Notification of acceptance: 15 Jan 2018
Final Submission deadline: 19 Feb 2018

www.iscas2018.org

