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1st New Generation of Circuits and Systems Conference

NGCAS.2017

Genova, Italy, September 6-8, 2017

Young Professionals Boost CAS Innovation into Society for a better Quality of Life

Call for Papers

The first New Generation of Circuits and Systems (NGCAS) is a conference for researchers from both academia and industry designed to provide knowledge on the state-of-the-art, historical perspectives and future challenges of circuits and systems. **NGCAS particularly welcomes young professionals.** The conference is technically co-sponsored by IEEE and IEEE CAS. Accepted papers of **NGCAS 2017** will be submitted for inclusion to IEEE Xplore digital library. Based on the reviewer's and the program committee's evaluation, the top 30% of papers will receive recognition.

NGCAS 2017 organizing committee is eager to promote a new creative conference format that will meet young professional expectations by organizing **interactive activities**. The conference will include competitions, panels, meetings, tutorials, special sessions and interactive posters sessions aiming to bring the participants a powerful and engaging experience.

The topics include, but are not limited to:

- Analog Signal Processing
- Biomedical and Life Science Circuits and Systems
- Cellular Nanoscale Networks and Array Computing
- Circuits & Systems for Communications
- Circuits and Systems Education and Outreach
- Digital Signal Processing
- Reconfigurable Computing, Accelerators, and FPGAs
- Computer Aided Design and Electronic Design Automation
- Multimedia Systems & Applications
- Nanoelectronics and Gigascale Systems
- Neural Systems & Applications
- Nonlinear Circuits & Systems
- Asynchronous and Globally Asynchronous Locally-Synchronous (GALS) Circuits
- Power and Energy Circuits and Systems
- Sensory Systems
- Visual Signal Processing & Communications
- VLSI Systems & Applications

Important Dates

Tutorials & Special sessions
Proposal deadline: 20th April 2017
Notification of acceptance: 30th April 2017

Technical sessions
Submission deadline of 4-page papers: 26th May 2017
Notification of acceptance: 21th July 2017
Camera Ready manuscript: 4th August 2017

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