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.

**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: 21st July 2017
  - Camera Ready manuscript: 4th August 2017

**Contact**

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**Call for Papers**

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

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