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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. A selection of the best papers presented during the event will be included in a special section of the ASP Journal of Low Power Electronics (JOLPE) <http://www.aspbs.com/jolpe.html>

**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

Submission deadline of 4-page papers: 26<sup>th</sup> May 2017

**05 June 2017 (Extended) 11 June 2017 (Extended)**

Notification of acceptance: 21<sup>th</sup> July 2017

Camera Ready manuscript: 4<sup>th</sup> August 2017

### Contact

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