

# VARI 2017

8<sup>h</sup> European Workshop on Variability

Thessaloniki, Greece

September 25 to 27, 2017



**VARI 2017** is the 8th European Workshop on CMOS Variability. The increasing variability in CMOS transistor characteristics, as well as its sensitivity to environmental variations has become a major challenge to scaling and integration. This leads to major changes in the way that future integrated circuits and systems are designed. Strong links must be established between circuit design, system design and device technology. VARI meeting answers to the need to have a European event on variability in CMOS circuits and technologies, where industry and academia meet to discuss and investigate the CMOS process and environmental variability issues in methodologies and tools for the design of current and upcoming generations of integrated circuits and systems. The technical program will focus on performance and power consumption as well as architectural aspects like adaptability or resilience, with particular emphasis on modeling, design, characterization, analysis and optimization of variability. Digital, Analog, Mixed Signal and RF circuits are within VARI scope.

**This year VARI is included in PATMOS technical program as a Special Session. For paper submission in VARI workshop you have to use the PATMOS 2017 submission platform.**

## Topics of Interest:

Papers are solicited on, but not limited to, the following topics:

- Modeling and Simulation of Variations: from Physics to Circuits
- Design Tools and Methodologies for Variability
- Sensors and Actuators for Variability Compensation
- Compensation Techniques of Digital Circuits
- Compensation Techniques of Analog and RF Circuits
- Compensation at Architectural Level

## General Co-Chairs:

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## Important Dates:

Submission deadline (Regular Papers):

~~May 8, 2017~~ **May 29, 2017**

Submission deadline (Special Sessions):

~~May 15, 2017~~ **May 29, 2017**

Notification of acceptance:

~~June 26, 2017~~ **June 30, 2017**

Camera-ready papers due:

**July 24, 2017**



<http://patmos2017.web.auth.gr>

[www.patmos-conf.org](http://www.patmos-conf.org)



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