

# VARI2016

7th International Workshop on CMOS Variability

Bremen, Germany

September 21 to 23, 2016



VARI 2016 is the 7th International 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. The VARI workshop answers to the need to have an event on variability in CMOS technology development and circuit design, where industry and academia meet. VARI objective is to provide a forum 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 in respect to variability. Digital, Analog, Mixed Signal and RF circuits are within VARI scope. The venue of VARI 2016 will be Bremen, Germany. VARI 2016 will be collocated with PATMOS 2016.

#### 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

(more details at the [conference webpage](#))

#### General Co-Chairs:

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#### Important Dates:

Submission deadline (Regular Papers):  
May 8, 2016

Submission deadline (Special Sessions):  
May 15, 2016

Notification of acceptance:  
June 26, 2016

Camera-ready papers due:  
July 24, 2016



<http://www.item.uni-bremen.de/vari/>

