



# ICM2011

The 23rd International Conference on Microelectronics

## LAST CALL FOR PAPERS

[www.ieee-icm.com](http://www.ieee-icm.com)



19 – 22 December 2011, Hammamet, Tunisia

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The International Conference on Microelectronics has been held in numerous countries across the Middle East and Asia over the past 22 years. The 23rd edition of the conference will be held in Tunisia.

ICM 2011 will include oral, poster and tutorial sessions given by experts in state-of-the-art topics. The regular technical program will run for three days. In addition, tutorial sessions will be held on the first day of the conference. Papers are solicited in, but not limited to, the following topics:

#### Circuits and Systems

1. Analog and RF circuit design techniques
2. Digital signal and data processing
3. Wireless communication systems
4. Nonlinear circuits
5. System on Chip (SoCs)
6. VLSI for Signal and Image Processing
7. Integrated antenna and front-end co-design
8. Signal Processing in Communications.

#### CAD Tools and Design

1. Simulation (process, device, circuit, logic, timing, functional)
2. Layout (placement, routing, floor planning, symbolic, ERC, DRC)
3. Silicon optimization
4. Parallel embedded systems
5. Testing and Formal verification
6. CAD for FPGAs
7. High level synthesis tools
8. Design for testability.

#### Micro/Nanoelectronics

1. Device characterization and modelling
2. Device physics and novel structures
3. Process technology, CMOS, BJT,
4. BiCMOS, GaAs
5. Reliability and failure analysis
6. Optoelectronics
7. MEMS Devices
8. Packaging and surface mount technology.

Perspective authors are invited to submit full-length (6 pages) papers, in IEEE format, using the guidelines in the authors' info. Only electronic submissions will be accepted via the online submission system. Accepted papers will be published in the electronic Conference Proceedings (CD ROM) and included in IEEE XPLORE database.

### Important Dates

**Full Paper Submission (extended)**

**August 7, 2011**

**Notification of Acceptance**

**September 14, 2011**

**Camera Ready Submission**

**October 11, 2011**

**For any information, contact:**

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