



# ICM 2009

The International Conference on Microelectronics



19 – 22 December 2009, Marrakech, MOROCCO

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## First Call For Papers

The 21<sup>st</sup> Conference on Microelectronics **ICM 2009** technically cosponsored by IEEE Electron Devices Society will be held, in cooperation with **Ecole Mohammadia d'Ingénieurs**, in Marrakech, Morocco. The ICM has been held in many countries across the Middle East and Asia over the past 20 years. ICM 2009 will include oral, poster sessions and tutorials 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:

Integrated Circuits and Systems	Computer-Aided Design for Microelectronics	Micro/Nano-Electronics Technology
1. Analog and RF circuit design techniques	1. Simulation (process, device, circuit, logic, timing, functional)	1. Device characterization and modeling
2. Digital signal and data processing	2. Layout (placement, routing, floor planning, symbolic, ERC, DRC)	2. Device physics and novel structures
3. Wireless communication systems	3. Silicon optimization	3. Process technology, CMOS, BJT, BiCMOS, GaAs
4. Nonlinear circuits	4. Parallel embedded systems	4. Reliability and failure analysis
5. System on Chip (SoCs)	5. Testing: Formal verification	5. Optoelectronics
6. Design for testability		6. MEMS Devices
7. Integrated antenna and front-end co-design		7. Packaging and surface mount technology
8. Signal Processing in Communications		
9. VLSI for Signal and Image Processing		

**Location:** Pearl of the South, Jewel of the South, The Rose City – just a few of the nicknames Marrakech has acquired over the years. The pearl and the jewel symbolize its importance as the center of Morocco ever since it was a trading and resting place on the crossroads of ancient caravan routes from Timbuktu. The rose attests to a city still painted entirely in salmon pink, in keeping with the red-clay earth below. Once called Morocco City by foreign travellers, Marrakech eventually lent its name to the country itself. Part Berber, part Arab, part African, Marrakech is the heartbeat of Morocco, where palaces and monuments of unrivalled refinement sit calmly alongside the snake charmers and Gnaouan drums pulsing constantly from Djemâa el Fna Square – one of the most exuberant marketplace in the world.

**Submission:** Perspective authors are invited to submit **full length** (four pages) papers for presentation in any of the areas listed above using the **guidelines in the authors' info**. Papers exceeding the 4-page limit will not be reviewed. Only electronic submissions will be accepted via the **online submission system**. Accepted papers will be published in the Conference Proceedings and included in **IEEE XPLORÉ database**.

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

### Important Deadlines:

**Full Paper Submission :**

June 28, 2009

**Notification of Paper Acceptance:**

September 14, 2009

**Camera Ready Submission:**

October 11, 2009

### Contact Us

**ICM'09 – M. Eleuldj,**

**Ecole Mohammadia d'Ingénieurs**

BP 765, Ave Ibn Sina, Agdal, Rabat

Fax : (212) 37 77 88 53

[eleuldj@emi.ac.ma](mailto:eleuldj@emi.ac.ma)