



16-19 December 2018, Tunisia

<http://www.ieee-icm2018.org>

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Call For Tutorials Proposals

The ICM 2018 Conference will feature a state-of-the-art set of tutorial presentations. The Organizing Committee invites proposals and ideas for tutorials to be held as part of the Conference.

Tutorials will provide a good opportunity for conference attendees to learn from leaders in the field, explore cutting-edge topics, and acquire new insights, knowledge and skills.

The topic should be of sufficient relevance with respect to the general scope of the conference:

Circuits and Systems	CAD Tools and Design	Micro/Nanoelectronics
1. Analog and RF circuit design techniques	1. Simulation (process, device, circuit, logic, timing, functional)	1. Device characterization and modelling
2. Digital signal and data processing	2. Layout (plac., rout., floor plan., symbolic, ERC, DRC)	2. Device physics and novel structures
3. Wireless com. systems	3. Silicon optimization	3. Process technology, CMOS, BJT,
4. Nonlinear circuits	4. Parallel embedded systems	4. BiCMOS, GaAs
5. System on Chip	5. Testing: Formal verification	5. Reliability and failure analysis
6. VLSI for Signal and Image Processing	6. CAD for FPGAs	6. Optoelectronics
7. Integrated antenna and front-end co-design	7. High level synthesis tools	7. MEMS Devices
8. Signal Processing in Communications.	8. Design for testability.	8. Packaging and surface mount technology.

Submission: Prospective tutorial speakers are invited to submit their proposals via e-mail in a single PDF file to Tutorials Co-chairs:

Mohamed Atri: mohamed.atri@fsm.rnu.tn

Mohammad Baker: baker.mohammad@kustar.ac.ab

A. Al Maashari: amaashari@squ.edu.om

Each Tutorial proposal should describe concisely the content, importance and timeliness of the tutorial. It should contain the following sections:

- Tutorial's title.
- Tutorial's type (introductory, intermediate, or advanced).
- Summary describing the main focus and topics to be addressed and explaining why the tutorial is appropriate for ICM 2018.
- A detailed outline of the presentation.
- A description of the proposer's lecturing expertise.
- The proposed duration of the tutorial.

Deadlines:

Tutorials proposals due: August 10, August 20, 2018 (Extended)

