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**

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

**CAD Tools and Design**

1. Simulation (process, device, circuit, logic, timing, functional)
2. Layout (plac., rout., floor plan., symbolic, ERC, DRC)
3. Silicon optimization
4. Parallel embedded systems
5. Testing: 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 techno-logy, CMOS, BJT,
4. BiCMOS, GaAs
5. Reliability and failure analysis
6. Optoelectronics
7. MEMS Devices
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.ae
**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)