



16-19 December 2018, Tunisia

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

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Call For Special Sessions Proposals

The ICM 2018 conference will include Special Sessions on highly specialised topic areas, within the scope of the conference and its theme.

The conference committee invites professionals to propose Special Sessions that complement the regular program of the conference. Special Sessions offer a valuable opportunity to disseminate in-depth information on particular emerging and new topics, which are not covered in the conference's main tracks, and/or to represent a particular progressive field where researchers would like to meet and discuss advances, trends and challenges.

The topic of a Special Session proposal should be timely and compelling.

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 researchers are invited to submit proposals via e-mail in a single PDF file to Special Sessions Co-chairs:

Hassen Mnif: hassene.mnif@enetcom.usf.tn
Eric Kerhervé: eric.kerherve@ims-bordeaux.fr
Naim Ben Hamida: nbenhami@ciena.com

The Special Session proposals must include:

- Title of the Special Session.
- Brief description of the area of concern explaining why the topic of the Special Session is novel and timely.
- The names and contact information of the organizers with a short biography.

Deadlines:

Special Sessions proposals due: **August 10, August 20, 2018 (Extended)**

