



Topics on Microelectronics (ToM)



Updated informations at the website
www.microelectronicsevents.com

A series of events directly addressed to researcher, designer from companies and students (Master and PhD) who want to improve their knowledge in the microelectronics field is organized. Each event consists in five long talks/lectures (of three hours each, a sufficient time to give both overview and advanced details about the topic) given by academic professors or qualified experts coming from companies or research centers. In this way the academic and industrial approaches for research and state-of-the art progress will be presented. Different topics will be addressed in each course. This is intentionally done in order to give a wide-spectrum for the audience about the present challenges in the microelectronics world.

The courses will be organized with the Italian Chapter of IEEE Solid State Circuit Society and will be held at the Electronics Department of University of Pavia (Via Ferrata, 1 - 27100 Pavia - Italia) with the following programs.

AT THE END OF EACH COURSE AN EXAM WILL BE PROPOSED FOR CERTIFYING THE POSITIVE ATTENDANCE

2011 ToM Courses

Course 2011/1 - January 2011

- 25 January 2011
14.00 - 17.30 Osama Khouri, (Elpidia) "Design and architecture of Flash Memories"
- 26 January 2011
9.00 - 12.30 Mario Paparo (STMicroelectronics) "Silicon & System-in-package technologies for RF transmission modules"
14.00 - 17.30 Roberto Guerrieri (University of Bologna) "Systems and Microsystems for healthcare applications"
- 27 January 2011
9.00 - 12.30 Sebastien Cliquennois (STEricsson) "Digital Control of Integrated SMPS for Portable Applications"
14.00 - 17.30 Catherine Dehollain (EPFL) "Design and optimization of remotely powered RFID systems and sensor nodes"

Course 2011/2 - May 2011

- 4 May 2011
14.00 - 17.30 Andrea Fornasari (National) "Dynamic Offset Compensation Techniques: from theory to implementation"
- 5 May 2011
9.00 - 12.30 Andrea Mazzanti (University of Pavia) "CMOS integrated circuits for mm-Wave applications"
14.00 - 17.30 David Stoppa (FBK) "Single-Photon Avalanche Diodes Image Sensors in CMOS Technologies"
- 6 May 2011
9.00 - 12.30 Carlo Fiocchi (AustriaMicroSystems) "Engineering aspects in DC-DC converters design"
14.00 - 17.30 Enrico Sentieri (STMicroelectronics) "Accelerometer Sensor interface for seismic application"

Course Registration

Return this filled form to andrea.baschiroto@unimib.it within the deadline

Name	Email:
Affiliation
	Before	Before	Late
	Jan, 1 st , 2011	April, 10 th , 2011	registration
Course 2009/1	220 €		260 €
Course 2009/2		220 €	260 €
Course 2009/1 & 2009/2	400 €		

Payment has to be done by Bank Tranfer ***within the above deadline*** to the bank account

Microelectronics Events - CariParma - Credit Agricole - Bank account no. 465240/48

Country: IT / CIN: R / ABI: 6230 / CAB: 48671

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