

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

2009 ToM Courses

April - 2009/1

- 27 April 2009
 14.00 - 17.30 - Franco Maloberti (University of Pavia), "High-performance Analog Design: Trends, Process Technologies and Design Challenges"
- 28 April 2009
 9.00 - 12.30 - Roberto Gastaldi (Numonyx), "Non-volatile memories scaling path and emerging concepts"
 14.00 - 17.30 - Giulio Ricotti (STMicroelectronics), "Super Smart Power and More than Moore device and technology"
- 29 April 2009
 9.00 - 12.30 - Carlo Samori (Politecnico di Milano), "Design of low noise IC in scaled technologies"
 14.00 - 17.30 - Andrea Baschirotto (University of Milano-Bicocca), "SAR ADC Design"

September - 2009/2

- 8 September 2009
 14.00 - 17.30 - Giulio Ricotti (STMicroelectronics), "Design and technology requirements for Ultrasound HV Pulser ASIC"
- 9 September 2009
 9.00 - 12.30 - Fabrizio Francesconi and Nunzio Lopriore (Accent), "Analogue and digital design methodologies for multi-domain SoC"
 14.00 - 17.30 - Roberto Maurino (Analog Devices), "High-precision A/D converters"
- 10 September 2009
 9.00 - 12.30 - Michael Peter Kennedy (University College Cork), "Digital Delta Sigma Modulators for DAC and Fractional-N Frequency Synthesis Applications"
 14.00 - 17.30 - Angelo Nagari (STN Wireless) "Practical design of high-performance SC circuits"

Course Registration

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

Name Email:

Affiliation

	Before March, 1 st , 2009	Before July, 1 st , 2009	Late registration	
Course 2009/1	200 €		240 € €
Course 2009/2		200 €	240 € €
Course 2009/1 & 2009/2	360 €		 €

Payment has to be done by Bank Transfer **within the above deadline** to the bank account
 Microelectronics Events - CariParma - Credit Agricole - Bank account no. 465240/48
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