



Topics on Microelectronics

ToM2014 - VIII Year

Updated informations at the website
www.microelectronicsevents.com



In collaboration with the Microelectronics PhD Course at University of Pavia, 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

ToM2014/1 - May 2014

- 6 May 2014
 - 14.00 - 17.30 Cristiano Calligaro (RedCat) - "Radiation Hardening By Design (RHBD) Techniques for CMOS ICs"
- 7 May 2014
 - 9.00 - 12.30 Franco Maloberti (Univ. Pavia) - "Recent advances in Smart Sensor interfaces"
 - 14.00 - 17.30 Luca Petruzzi (Infineon) - "Design of Smart Power Switches for Automotive Applications"
- 8 May 2014
 - 9.00 - 12.30 Germano Nicollini (STM) - "Jitter effects in sampled-data systems - part I"
 - 14.00 - 17.30 Germano Nicollini (STM) - "Jitter effects in sampled-data systems - part II"

ToM2014/2 - September 2014

- 3 September 2014
 - 14.00 - 17.30 Donnacha Lowney (Xilinx) - " Design and Modelling of High-Performance Data Converters "
- 4 September 2014
 - 9.00 - 12.30 James Hudner, Declan Carey (Xilinx) - "High-speed serdes design"
 - 14.00 - 17.30 Marcello De Matteis (Univ. Milan Bicocca) - "Analog filters for telecommunications"
- 5 September 2014
 - 9.00 - 12.30 Juan Manuel Carrillo (Univ. Extremadura) - "Low-Voltage Analog Circuit Design with Special Emphasis on Bulk-Driven MOS Transistors"
 - 14.00 - 17.30 Piero Malcovati (Univ. Pavia) - " High Precision Linear Voltage Regulator"

ToM Course Registration

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

First Name Family Name
Email: Affiliation

	Before Mar, 15 th , 2014	Before July, 20 th , 2014	Late registration	
Course 2014/1	220 €		260 €	€
Course 2014/2		220 €	260 €	€
Course 2014/1 & 2014/2	400 €			€

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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