University of Pavia
MicroElectronics
PhD Course

IEEE-SSCS
Italian Chapter

Topics on Microelectronics

ToM2017 – XI 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 researchers, designers from companies and students (Master and PhD) who want to improve their knowledge in the microelectronics field is organized. Each event consists of 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 Department of Electrical, Computer, and Biomedical Engineering at 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 CERTIFING THE POSITIVE ATTENDANCE

ToM2017/1 - May 2017

May, 9th, 2017
- 14.00-17.30 – Giovanni Frattini (Texas Instruments, Italy), "Towards fully integrated power management"

May, 10th, 2017
- 9.00-12.30 – Richard Gaggl, Cesare Buffa (Infineon, Austria) "Silicon microphones: from concept to design"
- 14.00-17.30 – Roland Thewes (TU Berlin, Germany), "CMOS devices for biomolecule detection"

May, 11th, 2017
- 9.00-12.30 – Roland Thewes (TU Berlin, Germany), "CMOS-based neural tissue interfacing"
- 14.00-17.30 – Piero Malcovati (Univ. Pavia, Italy), "Switched-capacitor DC-DC Converters"

ToM2017/2 - September 2017

September, 19th, 2016
- 14.00 – 17.30 Andreas Ott (Melexis, Germany), "High voltage EMC/ESD robust automotive design aspects"

September, 20th, 2016
- 9.00 – 12.30 Dieter Joos (ON Semiconductor, Belgium), "EMC: How to reduce emission by digital controlled spread spectrum clock generator"
- 14.00 – 17.30 Germano Nicollini (STM, Italy), "Matching in CMOS technologies: part I"

September, 21th, 2016
- 9.00 – 12.30 Germano Nicollini (STM, Italy) "Matching in CMOS technologies: part II"
- 14.00 – 17.30 Matteo Perenzoni (FBK, Italy), "Time-to-Digital Converters for Imaging and Sensing"

ToM Course Registration

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

First Name …… Family Name ……
Email: …… Affiliation ……

	Before Apr., 15th, 2017	Before Sept., 1st, 2017	Late registration	
Course 2017/1	220 €		260 €	…… €
Course 2017/2		220 €	260 €	…… €
Course 2017/1 & 2017/2	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
Country: IT / CIN: R / ABI: 6230 / CAB: 48671 / SWIFT: CRPPIT2P360
IBAN: IT21 R062 3048 6710 0004 6524 048 P.IVA (VAT): IT-01087360077