



# Topics on Microelectronics

## ToM2018 - XII Year

Updated information at the website  
[www.innotechevents.com](http://www.innotechevents.com)

Director: **Andrea Baschiroto**



### ToM2018/1 - May 2018

May, 9<sup>th</sup>, 2018

14.00-17.30 - Dieter Draxelmayr (Infineon, Austria), "Data Converter Overview - part I"

May, 10<sup>th</sup>, 2018

9.00-12.30 - Dieter Draxelmayr (Infineon, Austria), "Data Converter Overview - part II"

14.00-17.30 - Danilo Pau, Emanuele Plebani, Valeria Tomaselli (STM, Italy), "Deep Learning: theoretical, programming methodologies and embedded technology implementations"

May, 11<sup>th</sup>, 2018

9.00-12.30 - Cristiano Calligaro (RedCat Devices, Italy), "Rad-hard digital circuit design"

14.00-17.30 - Antonio Strollo (Un. Napoli, Italy), "Approximate computing for energy-efficient digital systems"

### ToM2018/2 - September 2018

September, 18<sup>th</sup>, 2018

14.00 - 17.30 - Claudio Bruschini (EPFL) & Esteban Venialgo (TU Delft), "(Digital) Electronics & Systems for Advanced Time-of-Flight PET"

September, 19<sup>th</sup>, 2018

9.00 - 12.30 - Enrico Sacchi (Huawei, Italy), "Optical RF ICs"

14.00 - 17.30 - Germano Nicollini (STM, Italy), "Bandgap-based reference voltage - Part I"

September, 20<sup>th</sup>, 2018

9.00 - 12.30 - Germano Nicollini (STM, Italy) "Bandgap-based reference voltage - Part II"

14.00 - 17.30 - N. Zagni, F.M. Puglisi, P. Pavan, and G. Verzellesi (Univ Modena Reggio) "TCAD and Compact Modeling for Variability Aware Circuit Design"

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

#### ToM Course Registration

Return this filled form to [andrea.baschiroto@unimib.it](mailto:andrea.baschiroto@unimib.it) within the deadline

First Name .....	Family Name .....		
Email: .....	Affiliation .....		
	Before	Before	Late
	Apr., 15 <sup>th</sup> , 2018	Sept., 1 <sup>st</sup> , 2018	registration
Course 2018/1	240 €		280 €
Course 2018/2		240 €	280 €
Course 2018/1 & 2018/2	450 €		

Payment has to be done by Bank Transfer **within the above deadline** to the bank account  
InnoTechEvents - Banca Passadore - (Alessandria - Italia)

IBAN: IT32 S 03332 10400 000000514360 SWIFTcode: PASBITGG  
Fiscal Code: 94026440068

The registration includes the membership to InnoTechEvents for 2018, the participation to all lectures, one booklet of the presentations, the coffee breaks and the 2<sup>nd</sup> and the 3<sup>rd</sup> day lunches