



Topics on Microelectronics

ToM2018 - XII Year

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www.innotechevents.com



Director: **Andrea Baschirotto** (Univ. Milan-Bicocca)

ToM2018/1 - May 2018

May, 9th, 2018

- 14.00-15.30 - Dieter Draxelmayr (Infineon, Austria), "Data Converter Overview - part I.a"
- 16.00-17.30 - Dieter Draxelmayr (Infineon, Austria), "Data Converter Overview - part I.b"

May, 10th, 2018

- 9.00-10.30 - Dieter Draxelmayr (Infineon, Austria), "Data Converter Overview - part II.a"
- 11.00-12.30 - Dieter Draxelmayr (Infineon, Austria), "Data Converter Overview - part II.b"
- 14.00-15.30 - Danilo Pau, Emanuele Plebani, Valeria Tomaselli (STM, Italy), "Deep Learning: theoretical, programming methodologies and embedded technology implementations - part a"
- 16.00-17.30 - Danilo Pau, Emanuele Plebani, Valeria Tomaselli (STM, Italy), "Deep Learning: theoretical, programming methodologies and embedded technology implementations - part b"

May, 11th, 2018

- 9.00-10.30 - Cristiano Calligaro (RedCat Devices, Italy), "Rad-hard digital circuit design - part a"
- 11.00-12.30 - Cristiano Calligaro (RedCat Devices, Italy), "Rad-hard digital circuit design - part b"
- 14.00-15.30 - Antonio Strollo (Un. Napoli, Italy), "Approximate computing for energy-efficient digital systems - part a"
- 16.00-17.30 - Antonio Strollo (Un. Napoli, Italy), "Approximate computing for energy-efficient digital systems - part b"

ToM2018/2 - September 2018

September, 18th, 2018

- 14.00 - 15.30 - Claudio Bruschini (EPFL) & Esteban Venialgo (TU Delft), "(Digital) Electronics & Systems for Advanced Time-of-Flight PET - part a"
- 16.00 - 17.30 - Claudio Bruschini (EPFL) & Esteban Venialgo (TU Delft), "(Digital) Electronics & Systems for Advanced Time-of-Flight PET - part b"

September, 19th, 2018

- 9.00 - 10.30 - Enrico Sacchi (Huawei, Italy), "Optical RF ICs - part a"
- 11.00 - 12.30 - Enrico Sacchi (Huawei, Italy), "Optical RF ICs - part b"
- 14.00 - 15.30 - Germano Nicollini (STM, Italy), "Bandgap-based reference voltage - Part I.a"
- 16.00 - 17.30 - Germano Nicollini (STM, Italy), "Bandgap-based reference voltage - Part I.b"

September, 20th, 2018

- 9.00 - 10.30 - Germano Nicollini (STM, Italy) "Bandgap-based reference voltage - Part II.a"
- 11.00 - 12.30 - Germano Nicollini (STM, Italy) "Bandgap-based reference voltage - Part II.b"
- 14.00 - 15.30 - N. Zagni, F.M. Puglisi, P. Pavan, and G. Verzellesi (Univ Modena Reggio) "TCAD and Compact Modeling for Variability Aware Circuit Design - part a"
- 16.00 - 17.30 - N. Zagni, F.M. Puglisi, P. Pavan, and G. Verzellesi (Univ Modena Reggio) "TCAD and Compact Modeling for Variability Aware Circuit Design - part b"

The lectures will be held
at the University of Milan-Bicocca - Piazza della Scienza, 3 - 20126 Milan (Italy)
in the building U2 and in the room U2-08b