

Topics on Microelectronics

ToM2021 - XV Year

Updated information at the website
www.innotechevents.com
Director: Andrea Baschirotto

Course ToM2021/1

May 25th-27th, 2021

The lectures will be held on-line on WebEx platform

May 25th, 2021

14.00-17.30 *Pietro Andreani (Lund University, Sweden), "Integrated harmonic oscillators"*

May 26th, 2021

09.00-12.30 *Dante Muratore (TU Delft, The Netherlands), "Circuit challenges in implantable brain-machine interfaces"*

14.00-17.30 *Bernhard Wicht (Leibniz University Hannover, Germany), "Analog building blocks of DC-DC converters"*

May 27th, 2021

09.00-12.30 *Tristan Meunier (CNRS, France), "Quantum computing with CMOS technology"*

14.00-17.30 *Gabriele Manganaro (Mediatek, USA), "High-speed digital-to-analog converters"*

Course ToM2021/2

September 21st-23rd, 2021

The lectures will be held on-line on WebEx platform

September 21st, 2021

14.00-17.30 *Jussi Jansson (Oulu University, Finland), "Time-to-digital converters and related applications"*

September 22nd, 2021

09.00-12.30 *Luca Scandola (Infineon Technologies, Italy), "Introduction to DC-DC conversion suitable for automotive application: from the theory to the modelization with practical examples"*

14.00-17.30 *Benoit Bakeroot (Ghent University, Belgium), "GaN semiconductor devices for power electronics: overview, status and future perspectives"*

September 23rd, 2021

09.00-12.30 *Qiang Li (UETSC, China), "Subthreshold and near-threshold ADC techniques"*

14.00-17.30 *Andrea Mazzanti (University of Pavia, Italy) and Enrico Monaco (Inphi, Italy), "Introduction and advances in serial links"*

On-line registration at the website www.innotechevents.com

Course participation includes

- on-line attendance to all lectures
- pdf material for all lectures
- certificate of participation
- final exam with certificate (if needed)