



Topics on Microelectronics

ToM2023 - XVII Year

Updated information at
www.mbtechnoservices.com
Director: Andrea Baschirotto



2020
Best SCS Chapter Award



Course ToM2023

"Power Electronics innovations for a sustainable world"

September, 4th-6th, 2023

Abstract. The intent of this course is to share with the participants some insights about the technology behind the power electronics domain and the applications of power electronics in the everyday life. The course is open for PhD students, and, also, for analog designers and managers from companies and research centers.

An exam at the end of the course will permit the PhD student to acquire ECTS.

Course Program

Monday, September, 4th, 2023

14:00 - 17:30 Daniela Barge - "Test Development Engineering - Fundamentals and challenges"

Tuesday, September, 5th, 2023

9:00 - 12:30 Stefano Ruzza - "Intelligent Power Module for high efficiency inverter applications"

14:00 - 17:30 Filippo Boera - "Power microelectronics solutions for a sustainable future "

Wednesday, September, 6th, 2023

9:00 - 12:30 Giovanni Parrino, - "From the charging station to the wheel: technical challenges for power electronics"

14:00 - 17:30 Gioele Mombelli- "Artificial intelligence applications on low power Microcontroller units (MCU)"

Lectures will be held in the Room U2/01

Building U2 - Piazza della Scienza 5 - 20126 Milan (Italy)

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

Course participation includes

- in-person attendance to all lectures
- lunches and coffee-breaks
- pdf material for all lectures
- certificate of participation
- final exam with certificate