

The Semiconductor Journey

From a simple idea to a complex manufacturing



20 - 24 maggio 2019

Istituto IMEM - CNR,
Parco Area delle Scienze 37/A,
Parma

Programma

Lunedì 20 maggio

- 10:30 – 11:00** Introduction to the course
(Marco Morelli)
- 11:00 – 12:00** ST Company overview and its Technical Staff Community
(Sonia Fulgoni)
- 14:00 – 16:00** ST Marketing: IoT and Smart Driving
(Fabio Marchiò)
- 16:00 – 18:00** Magnetic Sensors
(Marco Marchesi – Francesca Casoli)

Martedì 21 maggio

- 10:30 – 12:30** Micro Electro-Mechanical System (MEMS) for motion
(Paolo Pesenti)
- 14:00 – 16:00** MEMS Technology
(Alessandra Sciutti)
- 16:00 – 18:00** Process Technology
(Simone Dario Mariani)

Mercoledì 22 maggio

- 10:30 – 12:30** Ultrasound for Health
(Giulio Ricotti)
- 14:00 – 16:00** Analog & Mixed Signal Design
Implementation Flows
(Domenico Genova)
- 16:00 – 18:00** Design Research and Development
(Pierluigi Rolandi)

Giovedì 23 maggio

- 10:30 – 12:30** Package platform and co-design challenges
(Giovanni Graziosi)
- 14:00 – 16:00** Testing
(Davide Appello)
- 16:00 – 18:00** Reliability
(Alberto Mancaleoni)

Venerdì 24 maggio

- 09:30 – 11:15** Failure Analysis
(Mauro Merlotti)
- 11:15 – 13:00** Technology Research and Development
(Giuseppe Croce)
- 14:30 – 15:30** ST's Sustainable Excellence
(Luisa Fracassini)
- 15:30 – 17:00** Thoughts on Creativity
(Marco Morelli)
- 17:00 – 17:30** Closing Remarks
(Marco Morelli)