

Monday, September 5

08:45-9:00
Opening
Felice Crupi (Università della Calabria)

09:00-10:00
"Recent applications of radars in
automotive and autonomous driving"
Ivan Russo (Huawei)

10:00-11:00
"Multi-physics simulations for WBG power module optimization"
Giovanni Antonio Salvatore
(Università Ca' Foscari Venezia)

11:00-11:20
Coffee break

11:20-12:20
"Automotive electronics: applications, challenges and opportunities for car
manufacturers"
Valerio Nasone (Ferrari SpA)

12:20-13:20
"Artificial intelligence systems for advanced
predictive reliability of SiC power devices"
Francesco Rundo & Carmelo Pino (ST)

13:20-14:30
LUNCH

14:30-15:30
"Experimental and Numerical assessment
on SiC Power Module Reliability"
Michele Calabretta & Alessandro Sitta (ST)

15:30-16:30
"Semiconductor Memory Systems for the Automotive CASE: Part I"
Massimo Iaculo (Micron)

16:30-16:50
Coffee Break

16:50-17:50
"Semiconductor Memory Systems for the Automotive CASE: Part II"
Massimo Iaculo (Micron)

Tuesday, September 6

09:00-10:00 "77GHz Radar On Chip: enabling autonomous driving"
Mauro Giacomini (ST)

10:00-11:00 "Reliability of wide bandgap semiconductors
for automotive electronics"
Gaudenzio Meneghesso (Università di Padova)

11:00-11:20 Coffee break

11:20-12:20 "Running towards car electrification: Part I"
Salvatore Cannavacciuolo (ST)

12:20-13:20 "Running towards car electrification: Part II"
Vittorio D'Angelo (ST)

13:20-14:30 LUNCH

14:30-15:30 "Main trends in automotive electronics:
greener, safer and connected and how power electronics
became one of the protagonists of this revolution"
Andrea Vecchiato (Infineon)

15:30-16:30 "Reliability of Si and SiC Devices"
Tibor Grasser (Technische Universität Wien)

16:30-16:50 Coffee Break

16:50-17:50 "The battery: problem or opportunity?"
Gregorio Cappuccino (Università della Calabria)

20:30 SOCIAL DINNER

Wednesday, September 7

09:00-10:00 "A Chips Act for Europe: vision and remarks"
Enrico Sangiorgi (Università di Bologna)

10:00-11:00 "Trends and challenges in nanoelectronics for the next decade"
Elena Gnani (Università di Bologna)

11:00-11:20 Coffee break

11:20-12:00 Test
