

/ 8th NOVEMBER 2024



Politecnico
di Torino



TOWARDS THE SUSTAINABLE VEHICLE ERA

Aula Magna
Politecnico di Torino
C.so Duca degli Abruzzi, 24

8:30-9:00 **Participants Registration**

9:00-9:30 **Workshop Opening**

Fabrizio Pirri | Vice Rector for Research Infrastructures,
Politecnico di Torino

Nicola Amati | Coordinator of CARS-Center for Automotive Research
and Sustainable mobility@PoliTO, Politecnico di Torino

Radu Bojoi | Coordinator of PEIC-Power Electronics Innovation
Center, Politecnico di Torino

9:30-11:00 **Session 1**
Trends in sustainable vehicles

Marco Vassallo | Managing Director, Centro Ricerche Fiat
*How the partnership between industry and university can develop
know-how and innovation*

Franz Leitner | Director Powertrain Engineering, AVL Italy
Exploring the Future of automotive propulsion

Davide Casini | Chief Technical Officer, Italdesign
Digital r-evolution of Vehicle Development: Italdesign's Concept Lab

Moderator: Gianmario Pellegrino | Adjunct Vice-Rector for
Technology Transfer

11:00-11:30 **Coffee break**

11:30-13:00 **Session 2**
Autonomus and connected vehicles

Massimiliano Sallusti | Algorithm Development Manager, Cyber Tyre Pirelli
The role of the connected tyre in the future mobility

Vincenzo Junior Forte | Cybersecurity consultant, Spike Reply
*Securing the Connected Vehicle: The Imperative of Security by
Design*

Fabrizio Conicella | Head of Software & Analytics Lab, Iveco
Iveco Group and AI: technology for more sustainable mobility

Moderator: Carla Fabiana Chiasserini | Vice Head of the Department
of Electronics and Telecommunications, Member of Steering board of
CARS, Politecnico di Torino

13:00-14:00 **Lunch**

14:00-16:00 **Session 3**
Emerging technologies and components

Gustaf Falk Olson | EMD Computation Engineer, Volvo Cars, Sweden
*Tackling safety and sustainability challenges on the road to
electrification*

Maurizio Cisternino | Senior Head of Controls & Data Analytics
Department, Dumarey Softronix

Stefano Nieddu | Product Owner in Electronic Design, Dumarey
Softronix

*Empowering the Future: WBG based Power Converters for Electrified
Vehicles*

Davide Bisi | Program Manager, GaN Power, Renesas Electronics, USA
The GaN revolution is here

Fabio Bernardi | Head of HW Electronics R&D, Marelli Motorsport
GaN Technologies for motorsport application

Moderator: Radu Bojoi, Coordinator of PEIC-Power Electronics Inno-
vation Center, Politecnico di Torino

16:00-16:15 **Closing Speech**

Matteo Sonza Reorda | Member of the Steering Boards of CARS and
PEIC, Politecnico di Torino

16:15-16:45 **Coffee break**

16:45-18:30

Poster Session | Sala Emma Strada

Proto Exhibition | Courtyard in front of Aula Magna

Visits to CARS and PEIC labs

**REGISTRATION
LINK**



Un evento organizzato da



Center for
Automotive Research
and Sustainable Mobility

