





Milano 9-11, July 2018  
Politecnico di Milano,  
Bovisa Campus

# International Conference of Electrical and Electronic Technologies for Automotive

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This third edition of the Conference AUTOMOTIVE 2018 will be held from the 9<sup>th</sup> to the 11<sup>th</sup> of July 2018. It aims to be the forum of the automotive community to present and discuss the most recent results of scientific and technological research in this industry, with particular emphasis to applications and new trends. The Conference will cover all aspects of the segment focusing on electrical vehicles, connected autonomous cars and related mobility.

AUTOMOTIVE 2018 will bring together in an annual international event over three days the automotive community and the Information and Communication Technology one.

The Steering and the Technical Program Committees will include experts from Academic and Association world, key industrial stakeholders and representatives of public Authorities.

The AUTOMOTIVE 2018 program will be structured in scientific sessions including accepted papers, key-note speeches, round tables and panel discussion, covering current automotive scenario with national and international perspectives, development trends and regulatory framework. Legal, ethical and social aspects related to the new driving and mobility will be also addressed.

AUTOMOTIVE 2018 is aimed at an academic and industrial audience, professionals active in automotive, including designers, manufacturers and users of technology, as well as public administration officers, analysts and investors interested in this sector in great development and of high social impact.

<http://www.convegni.aeit.it/automotive>

# Technical Programme Overview

Politecnico di Milano - Bovisa Campus

## Monday, July 9<sup>th</sup> 2018

**9,30-11,00 Opening**

**11,00 Keynote Speech**

**11,30-13,00 Plenary session I**

ROOM A

**Automotive industry perspectives and new business models: technological, regulatory and social drivers**

**13,00-14,00 Lunch Break**

**14,00 Session A1 Powertrain I**

ROOM A

**Session B1 Batteries**

ROOM B

**15,45-16,15 Coffee break**

**16,15 Session A2 Assisted and Autonomous Driving I**

ROOM A

**Session B2 Special Session IMAPS**

ROOM B

## Tuesday, July 10<sup>th</sup> 2018

**9,00 Session A3 Mobility in Smart Cities I**

ROOM A

**Session B3 Car Pooling**

ROOM B

**10,45-11,15 Coffee break**

**11,15-12,45 Plenary session II**

ROOM A

**Powertrain and energy management**

**12,45-13,45 Lunch Break**

**13,45 Session A4 Energy Infrastructures I**  
**Session B4 Assisted and Autonomous Driving II**

ROOM A

ROOM B

**15,30-16,00 Coffee break**

**16,00 Session A5 5G for Automotive**  
**Session B5 Energy Infrastructures II**  
**Session C5 Exhibitor Showcase I**

ROOM A

ROOM B

ROOM C

**Wednesday, July 11<sup>th</sup> 2018**

**9,00 Session A6 Powertrain II**  
**Session B6 Smart Systems**  
**Session C6 Exhibitor Showcase II**

ROOM A

ROOM B

ROOM C

**10,45-11,15 Coffee break**

**11,15-13,15 Plenary session III**

ROOM A

**Assisted and autonomous driving: technology, ethical, legal and social aspects**

**13,15-14,15 Lunch Break**

**14,15 Session A7 Assisted and Autonomous Driving III**  
**Session B7 Powertrain III**  
**Session C7 Mobility in Smart Cities II and Quality**

ROOM A

ROOM B

ROOM C

**16,15 Conclusions**