



**AUTO  
MOTIVE**

Torino 15-16, June 2017  
Politecnico di Torino,  
sede del Lingotto, Via Nizza 230



# International Conference of Electrical and Electronic Technologies for Automotive

**AUTOMOTIVE 2017** Conference, after its first 2016 successful edition, will be held on June 15/16 - 2017 to host regular papers in several areas of the multiform automotive field.

It aims to become the forum of the national community to present and discuss the most recent results of scientific and technological research for the automotive industry, with particular emphasis to applications and new trends. The Conference covers all aspects of the segment focusing on electrical vehicles, connected autonomous cars and related mobility.

**AUTOMOTIVE 2017** will bring together in an annual national event, spread over two days, the electronic automotive

community with the Information and Communication Technology one.

The Steering and the Technical Program Committees include experts from the Academic world, Associations, Key Industrial Stakeholders and Regulatory Authorities.

**AUTOMOTIVE 2017** will be structured in two days with Scientific Sessions, including both presented papers and a poster session, Key-note Speeches, Round tables and Panel discussions, covering current automotive scenario with its national and international perspectives, development trends and the regulatory framework.

A Technical Exhibition with Industry attendance will be held.

Organized by



in cooperation with



POLITECNICO  
DI TORINO



technical co sponsorship of



call for papers

Scientific Sessions Key tracks are:

1. Hybrid and electric powertrains and emission regulations
2. Energy infrastructures and batteries
3. Assisted and autonomous driving, safety and connectivity
4. Mobility, smart cities and networks

Automotive 2017 will host papers on:

- Evolution of the electrical car, from mild hybrid to full electrical traction
- Low emission regulations and high performance as the two major drivers in this area
- Battery progresses in performance and cost as a key enabling technology
- Electrical car autonomy and related recharging infrastructure - Smart grid involvement
- Connected cars: a major enabler for safety and traffic control
- Network and protocols related issues
- Interaction with smart city, mobility management, local administration
- Autonomous and drive assisted cars for improved safety, including legal regulations evolutions
- Automotive Sensors and Electronics for vehicle diagnostics and control, safety, assisted driving and emerging applications

AUTOMOTIVE 2017 is aimed at an academic and industrial audience, professionals active in automotive, including designers, manufacturers and users of technology, as well as analysts and investors interested in this sector in great development and of high social impact.

Special conditions will apply to encourage the participation of students of specific university courses.

Authors are invited to submit preliminary papers consisting in 4-6 pages in standard IEEE two-column format via EDAS (<http://edas.info/N23161>), including track number and indication of the preference for dialogue or lecture presentation. The preliminary paper should contain a complete description of the proposed technical contribution along with some results, suitably framed in the related state of the art. Each paper will be reviewed in terms of relevance with respect to the scope of the event, originality and quality of the technical content, overall organization and writing style. Papers must be prepared according to the Author's instructions reported on the Automotive 2017 Website:

**[Http://www.aeit.it/automotive2017](http://www.aeit.it/automotive2017)**

Submission of papers implies intention to register and present the related content at the conference. Proceedings papers presented at the Conference will be submitted for inclusion in the IEEE Xplore Digital Library.

## DEADLINES

- Preliminary paper submission: **January 30<sup>th</sup>, 2017**
- Notification of acceptance: **March 20<sup>th</sup>, 2017**
- Final Paper (Camera Ready): **April 20<sup>th</sup>, 2017**

## STEERING COMMITTEE

*Chairman:* prof. Enrico Macii, Politecnico di Torino

## TECHNICAL PROGRAM COMMITTEE

*Chair:*

prof. Alberto Tenconi, *Politecnico di Torino*

*Co-Chair:*

prof. Alfredo Testa, *II Università di Napoli*

*Track 1 Chair:*

prof. Fabio Crescimbeni, *Università di Roma Tre*

*Track 2 Chair:*

prof. Gianfranco Chicco, *Politecnico di Torino*

*Track 3 Chair:*

prof. Franco Vatalaro, *Università di Roma Tor Vergata*

*Track 4 Chair:*

prof. Alfonso Damiano, *Università di Cagliari*

*Publication Chair:*

Dr. Silvio Vaschetto, *Politecnico di Torino*

## TECHNICAL SPONSORS REPRESENTED in the TPC

- AEIT
- AEIT Sezione Piemonte-Valle D'Aosta
- AEE Society
- AICT Society
- AMES Society
- ASTRI Society
- IEEE Italy Section
- IEEE CAS North Chapter
- IEEE COM/VT Chapter
- IEEE EMC Chapter
- IEEE MAG Chapter
- IEEE IE/IA/PEL Chapter
- IEEE IA/PEL Chapter
- IEEE IA Chapter
- IEEE PE Chapter
- Fondazione Politecnico di Milano
- IMAPS
- Politecnico di Torino

## SECRETARIAT

AEIT - Ufficio Centrale  
Via Mauro Macchi, 32 - 20124 Milano  
Tel. +39 06 5913925  
email: [automotive@aeit.it](mailto:automotive@aeit.it)  
Web site: [www.aeit.it/automotive2017](http://www.aeit.it/automotive2017)

## LOCATION

Politecnico di Torino, sede del Lingotto  
Via Nizza 230  
Torino, Italy