

## Antonio IMBRUGLIA

---

**From:** Angelo Raciti <araciti@dieei.unict.it>  
**Sent:** Tuesday, May 5, 2020 5:35 PM  
**To:** Angelo Raciti  
**Subject:** AEIT Automotive 2020 Conference  
**Attachments:** AUTOMotive 2020 Call for Papers33.pdf

Dear Colleague,

on the behalf of **AEIT Automotive 2020**, I am sending you the novelties about the organization of the Conference. We have paid attention to the development of Coronavirus (COVID-19) from its onset, our concern has been to take care of the consequence due to large meetings of attendees on both health and safety, and the difficulties related to reaching the venues from long distances.

Based also on both the updates and forecast about the outbreak of COVID-19, we have decided to change the conference in a virtual one. Technical sessions will be virtually held and speakers and attendants will be worldwide connected.

For the most up-to-date information on **AEIT Automotive 2020**, I am sending the new Call for Papers. Also, please visit the event website <https://convegni.aeit.it/automotive/>. Should you have any questions and/or concerns about paper submissions, topics, deadlines, special session proposal, tutorial proposals, etc., please contact us at [automotive@aeit.it](mailto:automotive@aeit.it)

### New DEADLINES

- Special Session proposal: May 31st, 2020
- Preliminary paper submission: June 30th, 2020
- Notification of acceptance: July 31st, 2020
- Final Paper (Camera Ready): September 30th, 2020

The General Chair

Angelo Raciti

Prof. Angelo Raciti  
formerly at the Department of Electrical Electronics and Computer Engineering  
University of Catania, Catania  
Viale A. Doria n. 6  
95125 Catania, Italy  
Tel. +39 095 7382323  
Mobile +39 320 7979280  
Mobile +39 334 2371994  
email [araciti@dieei.unict.it](mailto:araciti@dieei.unict.it)  
email [angelo.raciti@dieei.unict.it](mailto:angelo.raciti@dieei.unict.it)



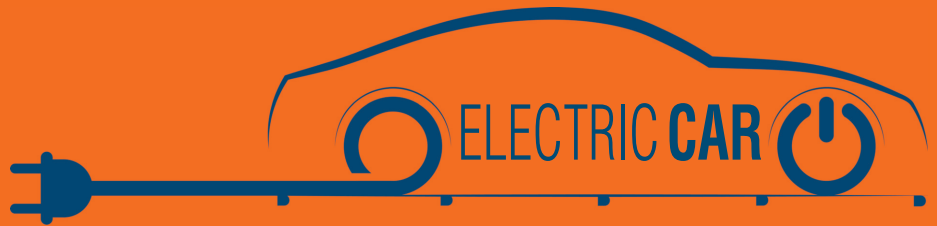
Virtual Conference  
18-20, November 2020

Organized by



Call for Papers

VIRTUAL  
Conference



# International Conference of Electrical and Electronic Technologies for Automotive

**AEIT AUTOMOTIVE 2020** Conference, after 4 successful editions, will be held on November, 18-20 to host regular papers in several areas of the multi-form automotive and e-mobility fields. In light of the escalating spread of the Coronavirus (Covid-19) around the world, **AEIT AUTOMOTIVE** will be a virtual conference: technical sessions will be virtually held and speakers and attendants will be worldwide connected. The 5<sup>th</sup> AEIT International Conference of Electrical and Electronic Technologies for Automotive (**AEIT AUTOMOTIVE 2020**) aims to be a solid reference of the technical community to present and discuss the most recent results of scientific and technological research for

in cooperation with



International Microelectronics  
And Packaging Society  
Italian Chapter



**POLITECNICO  
MILANO 1863**



**POLITECNICO  
DI TORINO**

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, special vehicles, and e-mobility.

**AEIT AUTOMOTIVE 2020** will bring together in an annual event, the Electrical and Electronic specialists, Mechanical and Systems Engineers, and the Information and Communication Technology specialists. The Steering and the Technical Program Committee include experts from the Academic world, Associations, Key Industrial Stakeholders and Regulatory Authorities.

Scientific Sessions Key tracks are:

1. **Hybrid and electric powertrains and emission regulations**
2. **Energy infrastructures, fuel cells, and batteries**
3. **Advanced driver assistance systems and autonomous driving, safety and connectivity**
4. **Mobility, smart cities, energy grid, and communication networks**
5. **Power Electronics, Active and Passive Components, sensors and transducers**

**AEIT AUTOMOTIVE 2020** will host papers on:

- Evolution of the electrical car, from mild hybrid to full electrical traction
- Low emission regulations and high performance vehicles
- Battery progresses, performance and cost, fuel cells

- Electrical car autonomy and related recharging infrastructure - Smart grid involvement
- Connected cars: a major enabler for safety and traffic control
- Assisted and autonomous driving: technology, safety, ethical, and social issues
- Ethical policies for assisted and autonomous driving; legal regulations
- Network and protocols related issues
- Interaction with smart city and mobility management
- Digital and analog sensors and Electronics for vehicle diagnostics and control, safety, assisted driving and emerging applications
- Photonics, laser manufacturing, car lighting

**AEIT AUTOMOTIVE 2020** 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. Authors are invited to submit preliminary papers containing a complete description of the proposed technical contribution along with results, suitably framed in the related state of the art. Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

technical co sponsorship of



JOINT ITALY CHAPTER

## SPECIAL SESSIONS

The conference will include Special Sessions on highly specialized topics reporting technical trends and breakthroughs within the scope of the conference. Special Sessions are organized at the initiative of one or more individuals, who must adhere to specific procedures published at the conference website.

## TUTORIALS

The conference will include a number of Tutorials on cutting edge technologies related to the conference topics. Therefore, the Organizing Committee invites outstanding researchers in respective area to propose tutorials to be presented during the conference.

## DEADLINES

- Special Session proposal: **May 31<sup>st</sup>, 2020**
- Preliminary paper submission: **June 30<sup>th</sup>, 2020**
- Notification of acceptance: **July 31<sup>st</sup>, 2020**
- Final Paper (Camera Ready): **September 30<sup>th</sup>, 2020**

## EXECUTIVE COMMITTEE

Angelo Raciti • *General Chair, Italy*  
 Antonio Imbruglia • *Co-Chair, Italy*  
 Andrea Penza • *Co-Chair, Italy*  
 Enrico Macii • *Technical Program Chair, Italy*  
 Romeo Giuliano • *Technical Program Co-Chair, Italy*  
 Alberto Tenconi • *Technical Program Co-Chair, Italy*  
 Stefano Pirani • *ICT Chair, Italy*  
 Adamo Nicola Panzanella • *Logistics Chair, Italy*  
 Vincenzo Cirimele • *Publication Chair, Italy*  
 Salvatore Musumeci • *Publication Chair, Italy*  
 Gianfranco Veglio • *Finance Chair, Italy*

## INTERNATIONAL TECHNICAL COMMITTEE

Haitham Abu-rub - *Qatar*  
 Kamal Al-Haddad - *Canada*  
 Ciro Attaianese - *Italy*  
 Pavol Bauer - *The Netherlands*  
 Ermanno Cardelli - *Italy*  
 Paolo Carbone - *Italy*  
 Ali Emadi - *Canada*  
 Fei Gao - *France*  
 Giovanni Ghione - *Italy*  
 Kumarkutti Gopakumar - *India*  
 Yoichi Hori - *Japan*  
 Victor K.L. Huang - *USA*  
 Francesco Iannuzzo - *Denmark*  
 Vijay Kumar - *USA*  
 Riccardo Leonardi - *Italy*  
 Marco Liserre - *Germany*  
 Chengbin Ma - *China*  
 Terry Martin - *USA*  
 Miguel Merino - *Spain*  
 Grigoris K. Papagiannis - *Greece*  
 Xavier Perpiñà - *Spain*  
 Joel Rodrigues - *Brazil*  
 Michael Ruderman - *Norway*  
 Jean-Luc Schanen - *France*  
 Thomas Strasser - *Austria*  
 Guillermo Suarez de Tangil - *United Kingdom*  
 Azhar Ul-Haq - *Pakistan*  
 Andy Valdar - *United Kingdom*  
 José Van Ooteghem - *Belgium*  
 Francesco Vatalaro - *Italy*  
 Valeriy Vyatkin - *Finland*  
 Yijie Wang - *China*  
 Sheldon Williamson - *Canada*  
 Xinghuo Yu - *Australia*  
 Dario Zaninelli - *Italy*



## TECHNICAL PROGRAM COMMITTEE

### Chairs

Enrico Macii • Technical Program Chair, *Italy*  
 Romeo Giuliano • Technical Program Co-Chair, *Italy*  
 Alberto Tenconi • Technical Program Co-Chair, *Italy*  
 Roberto Caldon • Technical Program Co-Chair, *Italy*  
 Giovanni Cancellieri • Technical Program Co-Chair, *Italy*  
 Carlo Cecati • Technical Program Co-Chair, *Italy*  
 Vittorio Cecconi • Technical Program Co-Chair, *Italy*  
 Giuseppe Gattavari • Technical Program Co-Chair, *Italy*  
 Stefano Massucco • Technical Program Co-Chair, *Italy*

## COMPONENTS

Oriol Avino-Salvado - *Spain*  
 Oreste Andrisano - *Italy*  
 Roberto Bacci - *Italy*  
 Livio Baldi - *Italy*  
 Marcello Baricco - *Italy*  
 Federico Baronti - *Italy*  
 Giovanni Belingardi - *Italy*  
 Sabina Belli - *Italy*  
 Roberto Bez - *Italy*  
 Iustin Radu Bojoi - *Italy*  
 Silverio Bolognani - *Italy*  
 Federico Braghin - *Italy*  
 Concettina Buccella - *Italy*  
 Alessandro Busacca - *Italy*  
 Umberto Cadili Rispi - *Italy*  
 Luigi Calligarich - *Italy*  
 Alfonso Capasso - *Italy*  
 Elena Maria Carolei - *Italy*  
 Andrea Casalegno - *Italy*  
 Francesco Castelli Dezza - *Italy*  
 Federico Cheli - *Italy*  
 Gianfranco Chicco - *Italy*  
 Maria Gabriella Cimatori - *Italy*  
 Giuseppe Cocorullo - *Italy*  
 Claudio Conta - *Italy*  
 Giovanni Coppola - *Italy*  
 Fabio Crescimbeni - *Italy*  
 Annamaria Cucinotta - *Italy*  
 Francesco Cupertino - *Italy*  
 Vittorio Curri - *Italy*  
 Alfonso Damiano - *Italy*  
 Pasquale Daponte - *Italy*  
 Andrea Del Pizzo - *Italy*  
 Filippo Di Giovanni - *Italy*  
 Martin Duncan - *Italy*  
 Nadim El Sayed - *Germany*  
 Pietro Erratico - *Italy*  
 Maurizio Ferrara - *Italy*  
 Vittorio Ferrari - *Italy*

Carlo Formento - *Italy*  
 Simone Franzò - *Italy*  
 Gaspare Galati - *Italy*  
 Costantino Giaconia - *Italy*  
 Agostino Galluzzo - *Italy*  
 Fabrizio Granelli - *Italy*  
 Giambattista Gruosso - *Italy*  
 Giulio Guandalini - *Italy*  
 Davide Janner - *Italy*  
 Roberto Langella - *Italy*  
 Massimo La Scala - *Italy*  
 Regina Lamedica - *Italy*  
 Lucia Lo Bello - *Italy*  
 Michela Longo - *Italy*  
 Franco Maloberti - *Italy*  
 Pierpaolo Marchese - *Italy*  
 Mariapia Martino - *Italy*  
 Giuseppe Mauri - *Italy*  
 Maurizio Mayer - *Italy*  
 Pietro Menga - *Italy*  
 Massimiliano Merisio - *Italy*  
 Rosario Miceli - *Italy*  
 Daniel Milanese - *Italy*  
 Vito Giuseppe Monopoli - *Italy*  
 Roberto Oboe - *Italy*  
 Paolo Organtini - *Italy*  
 Pierantonio Palerma - *Italy*  
 Gaetano Palumbo - *Italy*  
 Giorgio Parladori - *Italy*  
 Salvatore Pennisi - *Italy*  
 Paolo Perani - *Italy*  
 Roberto Petrella - *Italy*  
 Giorgio Pizzi - *Italy*  
 Silvia Maria Pietralunga - *Italy*  
 Roberta Ramponi - *Italy*  
 Vittorio Ravello - *Italy*  
 Santi Agatino Rizzo - *Italy*  
 Alfio Russo - *Italy*  
 Mario Saggio - *Italy*  
 Enrico Sangiorgi - *Italy*  
 Giovanni Schembra - *Italy*  
 Stefano Selleri - *Italy*  
 Pierluigi Siano - *Italy*  
 Thiago Battista Soeiro - *The Netherlands*  
 Davide Tarsitano - *Italy*  
 Michele Tartaglia - *Italy*  
 Alfredo Testa - *Italy*  
 Bernardo Tellini - *Italy*  
 Giuseppe Tomasso - *Italy*  
 Andrea Tonoli - *Italy*  
 Silvio Vaschetto - *Italy*  
 Juan L. Villa - *Spain*  
 Fabio Villone - *Italy*  
 Domenico Villacci - *Italy*  
 Raffaele Zallone - *Italy*  
 Luca Zarri - *Italy*

## SECRETARIAT

AEIT - Ufficio Centrale  
 Via Mauro Macchi, 32 - 20124 Milano • Tel. +39 02 87389965  
 email: [automotive@aeit.it](mailto:automotive@aeit.it) • web site: <https://convegni.aeit.it/automotive>