

# 3<sup>rd</sup> International Forum on Research and Technologies for Society and Industry

*Innovation to shape the future*

**Modena, Italy, 11-13 Sep. 2017**

*Organized by the IEEE Italy Section and University of Modena and Reggio Emilia*

## **Future Smart Mobility Applications: Technological and Ethical issues**

**MONDAY - September 11, 14:00-16:00**

***Sala Eventi Tecnopolo di Modena***

The automotive market is facing a series of unprecedented challenges spanning multiple technological domains: electric power-train, connected vehicles, advanced driving assistance, up to autonomous driving technologies. Each of these challenges has the potential of revolutionizing the market, opening up opportunities to new players that were traditionally focusing on different domains. Tesla, Google, Apple, Uber are just the surface of an ecosystem that is being created to support these new technologies. Smarter, cleaner and more reliable systems are being developed to power up the vehicles that we will be riding in the future, along with the infrastructural support required to support such systems. In this panel, experts from leading companies in the automotive and infrastructure utility domain will share their view about how to face the challenging problems the automotive industry will be exposed to in the near future, stimulating the discussion on technological and ethical aspects involved in this transition. Test cases, industrial roadmaps, and pilot projects, like Modena's Automotive Smart Area, will be presented to provide a view on ongoing efforts to develop the technological and infrastructural support required by next-generation automotive applications.

| <b>Time</b> | <b>Author/Presenter</b> | <b>Affiliation</b>   |
|-------------|-------------------------|--|
| 14:00       | Federico Caleno         | ENEL Spa   |
| 14:15       | Giuseppe Mauri          | RSE - Ricerca sul Sistema Energetico   |
| 14:30       | Federico Galliano       | General Motors   |
| 14:45       | Mihaela Neagu Chivu     | Maserati   |
| 15:00       | Davide Fontana          | Magneti Marelli  |
| 15.15       | Guglielmo Tamburrini    | Dip. di Ingegn. Elettrica e Tecno-<br>dell'Informazione, Università degli Studi di<br>Napoli Federico II |
| 15:30       | Open Discussion         |  |