



MED 2021

# 29<sup>th</sup> Mediterranean Conference on Control and Automation

JUNE 22 – 25 2021, BARI, ITALY, <http://med2021.poliba.it>

## Workshop Session at MED 2021 on

### Management and socio-economic impacts of sustainable mobility in smart cities

**Abstract** Sustainable transport and smart cities are crucial for a higher quality of life in European urban areas and enables the reduction of congestion, pollution and accidents. First, a greater awareness of all travelers about the impact of their mobility choices is an essential element towards the new culture of urban mobility. Second, in order to promote fair behaviors of road users, the availability of efficient collective transport services and routes and of cycle and pedestrian paths are very important. New concepts in mobility and transport services, as well as emerging technologies and digital enabled solutions, have created transformations in the domains of transport systems.

A new culture for urban mobility is needed. In the light of new exigencies, decision-makers should support sustainable mobility-related measures to meet people's expectations. In the long term, mobility patterns can change if there is a change in urban locations and in land-use patterns. An effort is required to include these aspects in regional and urban development planning. The planning should aim at maximizing the urban transport system efficiency by considering the environmental and the city resource constrains.

Sustainable transportation systems require a dynamic balance between all the components of sustainable development that is environmental protection, social equity and economic efficiency for current and future generations. Therefore, this workshop focuses on a low-carbon and smart mobility and how these new mobility patterns and technologies may facilitate transitions from the current unsustainable situation to a smart urban context.

**Duration** Workshop half day

**Preferred mode of presentation (to be confirmed closer to the conference and depending on the pandemics evolution):** Hybrid

**Organizers** Elisabetta, Venezia, FT Researcher/Senior Lecturer

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#### **List of topics**

Workshop schedule

**Session 1:** Management and socio-economic impacts of sustainable mobility in smart cities

#### **Speakers:**

- Rosário, Macário, Department of Civil Engineering, Architecture and Georresources at Instituto Superior Técnico (IST) Universidade de Lisboa  
Culture matters: from the smart city to the smart citizen
- Elisabetta, Venezia, Department of Economics and Finance, University of Bari Aldo Moro  
Sustainable mobility in smart cities: changing urban travel behavior and attitudes.



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- Lidia, Zakowska, Civil Engineering Faculty, Cracow University of Technology  
Sustainable mobility and transport management in Cracow city – pre and post Covid'19 challenges.
- Mariateresa Gattullo, Department of Economics and Finance, University of Bari Aldo Moro  
When mobility and sustainability go hand to hand with territorial identity? Theoretical reflections and empirical evidence in the Apulia laboratory.
- Angelo Santo, Luongo and Francis Marco Maria Cirianni, Transportation Engineers and University of Reggio Calabria  
A sustainable approach to the urban planning of pedestrian routes and footpaths for smart networks.