



Politecnico di Bari

International Workshop on Smart Mobility in Future Cities: The Apulia Industry Summit (SMFC 2019)

Held in conjunction with
IEEE International
Conference on Systems,
Man, And Cybernetics
(IEEE SMC 2019)

October 6th, 2019

ABOUT SMFC

The current transportation systems are experiencing an evident and fast evolution, which is expected to disrupt the mobility landscape of the 2020s. The retrofit of traditional transportation methods by the integration of Information and Communication Technologies (ICTs), as well as the rapid consolidation of novel transportation modalities, such as car sharing or pooling, are leading to the completely novel concept of **Smart Mobility**. The convergence and coming together of *autonomous and electric vehicles, mobile computing, Internet of Things and Blockchain technologies* will create consistent added value and provide **smart mobility innovations**. These modernizations will improve the travel experience for millions of people and businesses every day.

The *Apulia Region* and its *entrepreneurs* are particularly involved and attentive in sustaining and investing in the evolution of the local transport ensuring the follow-up of the European guidelines. Up to now, the implementation of the *Plan of the Regional Transport* and of the *Three-Year Service Plan* have been fundamental tools for regional policies on mobility and have put the vision and objectives of Europe 2020 at the center of the program, developing a regional transport system for **smart, sustainable and inclusive mobility**.

This Workshop, counting on the interventions of local experts, aims then at offering cues of discussion on the technological scenarios, the infrastructures, the information and communication technologies for the smart mobility, as well as proposing arguments of debate regarding electric and unmanned vehicles and the evolution of logistics in the context of smart mobility.

Furthermore, the SMFC workshop provides an opportunity for Ph.D students and Postdoctoral researchers to present and discuss the most recent advances, ideas, experiences, and challenges in the field of Smart Mobility by means of posters presentations.

Program, Call for posters, Important Dates and info for the registration are available on SMFC web site.

PROGRAM

Arrival and Registration [09.00-09.30]

Welcome & Introduction [09.30-09.50]

SMFC 2019 Welcome & Introduction

Prof. Francesco Cupertino, Rector of Polytechnic University of Bari (Poliba)

Prof. Pietro De Palma, Coordinator of the Poliba Ph.D School

Prof. Alfredo Grieco, Coordinator of the Ph.D Program in Electrical and Information Engineering

Prof. Eugenio Di Sciascio, Deputy Mayor of Bari

Eng. Mariarita Costanza, President of Poliba Alumni Association

Talks Session #1 [09.50-11.10]

Technological Scenarios for Smart Mobility - *Mauro Losciale*, MACNIL - ZUCCHETTI GROUP

Enel X: E-Mobility Market Outlook and Public Charging Infrastructure Experience - *Lorenzo Schirinzi*, ENEL X

Coffee Break & Posters Presentation [11.10-11.50]

Tasks Session #2 [11.50-13.10]

Bosch is energizing the powertrain - *Armando Vollono*, BOSCH

Micromobility: technologies and sustainability - *Matteo Pertosa*, SITAEL

Lunch [13.10-14.30]

Tasks Session #3 [14.30-15.50]

New propulsion technologies for the urban air mobility - *Cristian Lai*, AVIO AERO

Navigation and Earth Observation Satellites for Smart Mobility: technologies and services - *Cristoforo Abbattista*, PLANETEK ITALIA SRL

Coffee Break & Posters Presentation [15.50-16.30]

Talks Session #4 [16.30-17.10]

Cargup: an innovative cloud platform for automatic matching of intermodal shipping operators in logistics networks - *Enzo Tucci*, DIGILOG SRL

Closing Session [17.10-17.30]

SMFC STUDENT RESEARCH COMPETITION 2019 - BEST POSTER AWARD Announcement

Eng. Francesco Nocera, Student Research Competition (SRC) Chair

SMFC 2019 - Closing Remark

Prof. Caterina Ciminelli, Workshop General Chair

IMPORTANT DATES

September 18, 2019:

Pre-Registration
(Via Google form)

September 25, 2019:

Poster submission

September 27 2019:

Workshop attendant
Registration (Via SMC website)

ORGANIZING COMMITTEE

Prof. Caterina Ciminelli,
SMFC General Chair

Eng. Francesco Nocera,
Student Research Competition
(SRC) Chair and Web Master

Prof. Alfredo Grieco,
Special Issue Program Chair

Eng. Giuseppe Brunetti,
Workshop Co-Chair

Eng. Graziana Cavone,
Workshop Co-Chair

Prof. Mariagrazia Dotoli,
Workshop Co-Chair

Eng. Marco Grande,
Workshop Co-Chair

VENUE

The Nicolaus Hotel
27 Cardinal A. Ciasca Street
70124 Bari

WEB SITE & CONTACT

<http://sisinflab.poliba.it/smfc/2019/>

smfc2019@poliba.it

