



## 19th International IEEE Conference on Intelligent Transportation Systems

Convention Center, Windsor Oceanico Hotel, Rio de Janeiro, Brazil, November 1 - 4, 2016

*"Intelligent Transportation for Smarter Societies"*

### Important Dates

#### Special Session Proposals:

April 24, 2016

#### Regular/Special Session Papers:

May 22, 2016

#### Notification of Acceptance:

July 24, 2016

#### Camera-Ready Due:

August 22, 2016

#### Workshop/Tutorial Proposals:

April 24, 2016

#### Workshop Paper Submission:

June 13, 2016

#### Demonstration Proposals:

May 30, 2016

### Organizing Committee

#### General Chair

Rosaldo Rossetti  
University of Porto, Portugal

#### Program Chair

Denis Wolf  
ICMC/USP - São Carlos, Brazil

#### Program Co-Chairs

Jeffrey Miller  
University of Southern California, USA

Javier Sanchez-Medina  
Universidad de Las Palmas de Gran  
Canaria, Spain

Urbano Nunes  
University of Coimbra, Portugal

### Supporting Institutions



### CALL FOR PAPERS

The IEEE Intelligent Transportation Systems Conference is the annual flagship conference of the IEEE Intelligent Transportation Systems Society. IEEE ITSC 2016 welcomes articles in the field of Intelligent Transportation Systems, dealing with new developments in theory, analytical and numerical simulation and modeling, experimentation, demonstration, advanced deployment and case studies, results of laboratory or field operational tests, under the general theme of **Intelligent Transportation for Smarter Societies**. IEEE ITSC 2016 is organized by *Faculdade de Engenharia, Universidade do Porto (FEUP)*, Portugal, and *Instituto de Ciências Matemáticas e de Computação, Universidade de São Paulo (ICMC/USP)*, Brazil.

Brought for the first time to South America, IEEE ITSC 2016 will be held in Rio de Janeiro, one of the major economic and cultural hubs in the continent. A cosmopolitan metropolis, known worldwide for its scenic beauty and its natural resources, the city provides a harmonious and agreeable environment for its residents and visitors, both for leisure and work. The Technical Program of IEEE ITSC 2016 will take place at the Convention Center of Windsor Oceanico Hotel, located in the sophisticated Barra da Tijuca, a short walk from the beach.

### Program Topics

The technical areas of IEEE ITSC include, but are not limited to, the following topics:

- Transportation Networks
- Advanced Public Transportation Management
- Ports, Waterways, Inland navigation, and Vessel Traffic Management
- Modeling, Simulation, and Detection of Vulnerable Road Users and Animals
- Air, Road, and Rail Traffic Management
- ITS User Services
- Emergency Management
- Artificial Transportation Systems
- Transportation Electrification
- Emissions, Noise, Environment
- Management of Exceptional Events: Incidents and Evacuation
- Security, Privacy and Safety Systems
- Transportation Smartification
- Commercial Vehicle Operations
- Intelligent logistics
- Sensing, Detectors and Actuators
- Connected and Probe Vehicles
- Big Data and Naturalistic Datasets
- Communication in ITS
- Cooperative Techniques and Systems
- Electronic Payment Systems
- Smart Mobility
- Traffic Theory for ITS
- Modeling, Control and Simulation
- HMI and Human-machine interaction
- Advanced vehicle safety systems
- Human Factors, Travel Behavior
- Behavioral modeling in ITS
- ITS Field Tests and Implementation
- Driver and Traveler Support Systems
- Intelligent Vehicles
- Vision, and Environment Perception
- Vehicle localization and autonomous navigation
- Crowdsourcing and Social Transportation
- Societal issues in ITS
- Education in ITS
- New trends and utopias in ITS

### Paper Submission & Publication

Complete manuscripts in PDF format must be electronically submitted for peer-review in IEEE standard-format. Detailed submission instructions can be found on the conference website at:

<http://www.ieee-itsc2016.org>

Papers accepted for the technical program of the conference will be included in the conference proceedings to be published and indexed by IEEE in its *IEEE Xplore Digital Library*.

Selected papers of exceptional quality will be invited for submission to special issues of the *IEEE Transactions on ITS* and the *IEEE ITS Magazine*. Authors will be asked to revise their manuscripts according to the standards of the Transactions and the Magazine.