



**21st IEEE International Conference on Intelligent Transportation Systems
Maui, Hawaii, USA, November 4-7, 2018**

Special Session on

Advanced Vehicular and Transportation Technologies for Smart Mobility and Traffic Control

Sponsored by the IEEE ITSS Technical Committee on Smart Cities and Smart Mobility

Great changes have been witnessed in the field of Intelligent Transportation Systems in the past decade, thanks to the advancement of vehicular and transportation technologies. Particularly, vehicular communication, automation and electrification have enabled a variety of advanced applications, and provide promising solutions to a number of socio-economic problems, such as congestion, air pollution, and road safety. These technologies and applications refer to both traffic control (e.g., dynamic eco driving services at the vicinity of signalized intersections, cooperative adaptive cruise control) and innovative mobility services (e.g., autonomous and/or electrical vehicle sharing). This special session aims at: 1) providing the audience with information about the deployment of state-of-the-art vehicular and transportation technologies to smart mobility in a smart city context; 2) discussing the latest advancements, existing conceptual and modeling hurdles and challenges in both research and practice (particularly on the selected topics below); and 3) identifying potential research gaps and collaboration opportunities between industry and academia.

The Organizing Committee of Intelligent Transportation Systems Conference 2018 (ITSC2018) encourages submissions on the following (non-exhaustive) list of topics:

- Artificial Intelligence and Advanced Computing for Traffic Control and Smart Mobility
- Cooperative Driving
- Shared Mobility Systems and Advanced Algorithms
- Connected and Automated Vehicle Applications
- Advanced Public Transportation Systems
- Traffic Modeling, Simulation and Management

Important Dates

Regular & Workshops Papers -Submission Deadline	April 15, 2018
Acceptance Decision Letters Sending	July 02, 2018
Final Papers Submission Deadline	September 09, 2018
Conference Dates	November 04-07, 2018

For more information visit <https://www.ieee-itsc2018.org/>.

