



2016 IEEE Intelligent Vehicles Symposium

June 19-22, 2016 | Lindholmen Science Park, Gothenburg, Sweden

Sponsored by the IEEE Intelligent Transportation Systems Society

Call for Papers

The **Intelligent Vehicles Symposium (IV'16)** is a premier forum sponsored by the **IEEE Intelligent Transportation Systems Society (ITSS)**. Researchers, engineers, practitioners, and students, from industry, universities and government agencies are invited to present their latest work and to discuss research and applications for Intelligent Vehicles and Vehicle-Infrastructure Cooperation. Technical sessions, workshops, poster sessions, exhibition, and technical visits will be organised. The IV2016 is hosted by Chalmers University of Technology and SAFER Vehicle and Traffic Safety Centre.

Gothenburg is a perfect city for the symposium because it is the centre of automotive industry in Sweden, with headquarters of Volvo Trucks, Volvo Cars, and the supplier Autoliv, and where many international companies and academia have their development and research base. The brand new proving ground for active safety testing – AstaZero – is very close.

Jonas Sjöberg, General Chair of IV'16
Brendan Morris, Program Chair of IV'16
Anna Nilsson-Ehle, Director of SAFER

PROGRAM TOPICS INCLUDE BUT ARE NOT LIMITED TO:

- Advanced Driver Assistance Systems
- Automated Vehicles
- Vehicular Safety, Active and Passive
- Vehicle Environment Perception
- Driver State and Intent Recognition
- Eco-driving and Energy-Efficient Vehicles
- Impact on Traffic Flows
- Cooperative Vehicle-Infrastructure Systems
- Collision Avoidance
- Pedestrian Protection
- V2I / V2V Communication
- Proximity Detection Technology
- Assistive Mobility Systems
- Proximity Awareness Technology
- Intelligent Ground, Air and Space Vehicles
- Autonomous / Intelligent Robotic Vehicles
- Image, Radar, Lidar Signal Processing
- Information Fusion
- Vehicle Control
- Telematics
- Human Factors and HMI
- Electric and Hybrid Technologies
- Novel Interfaces and Displays
- Intelligent Vehicle Software Infrastructure

ORGANIZING COMMITTEE

General Chair:

Jonas Sjöberg, Chalmers, Sweden

General Host:

Anna Nilsson-Ehle, SAFER, Sweden

Program Chair:

Brendan Morris, University of Nevada, USA

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Paper Awards Chair:

Miguel Angel Sotelo Vazquez, University of Alcalá, Spain

Senior Advisors:

Umit Ozgüner, The Ohio State University, USA

Miguel Angel Sotelo Vazquez, University of Alcalá, Spain

IMPORTANT DATES

January 22, 2016: Paper submission deadline (Note, this is the **FINAL** extension)

January 22, 2016: Special/Tutorial Sessions/Workshop Proposal deadline

March 25, 2016: Notification of Acceptance

April 22, 2016: Final Paper Submission

www.iv2016.org

