

IEEE Intelligent Vehicles Symposium June 3-7, 2012, Alcalá de Henares, Spain

Sponsored by the IEEE Intelligent Transportation Systems Society

Call for Papers



THE INTELLIGENT VEHICLES SYMPOSIUM (IV'12) is the premier annual forum sponsored by the **IEEE INTELLIGENT TRANSPORTATION SYSTEMS SOCIETY (ITSS)**. Researchers, academicians, practitioners, and students from universities, industry, and government agencies are invited to discuss research and applications for Intelligent Vehicles and Vehicle-Infrastructure Cooperation. The technical presentations are characterized by a single session format so that all attendees remain in a single room for multilateral communications in an informal atmosphere. Tutorials will be offered on the first day followed by three days of presentations and a vehicle demonstration day. An exhibition area will be available for the presentation of products and projects, as well as for small demonstrations.

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
- Assistive Mobility Systems
- 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

Manuscripts of 6 pages in PDF format must be electronically submitted for peer-review in IEEE standard-format. For detailed submission instructions visit the conference website www.robosafe.es/IV2012

Important Dates

Special Session Proposal: **January 16th, 2012**
Paper submission deadline: **January 16th, 2012**
Notification of acceptance: **March 15th, 2012**
Final paper submission: **April 15th, 2012**

Contact

For proposal of a special session, demonstration, and exhibition contact the organization committee at iv2012@robosafe.es

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