



12th International IEEE Conference on Intelligent Transportation Systems St. Louis, Missouri, U.S.A. 4-7 October 2009

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The IEEE Intelligent Transportation Systems Society (ITSS) is sponsoring its 12th international conference on basic research and applications of leading advances in communications, computer, control, and electronics technologies related to Intelligent Transportation Systems (ITS).

CALL FOR PAPERS Program Topics

Travel and Traffic Management

- Travel Information and Guidance
- Ride Matching And Reservation
- Traveler Services Information
- Traffic Control
- Incident Management
- Travel Demand Management
- Emissions Testing And Mitigation
- Highway-rail Intersection
- Complex Adaptive Systems for ITS

Public Transportation Management

- Public Transportation Management
- En-route Transit Information
- Personalized Public Transit
- Public Travel Security

Commercial Vehicle Operations

- Commercial Vehicle Electronic Clearance
- Automated Roadside Safety Inspection
- On-board Safety Monitoring
- Commercial Vehicle Administrative Processes
- Hazardous Material Incident Response
- Commercial Fleet Management

Advanced Vehicle Safety Systems

- Collision Avoidance
- Vision Enhancement
- Advanced Safety Systems
- Automated Vehicle Operation

Electronic Payment

- Electronic Payment Services

Paper Submission

Complete manuscripts in PDF format must be electronically submitted for peer-review in IEEE standard-format. Detailed submission instructions can be found through conference website at campus.mst.edu/itsc2009

Infrastructure Management

- Health Monitoring of Bridges, Road, etc.
- Smart or Intelligent Sensor Systems

ITS Modeling and Analysis

- Data Mining and Analysis
- Travel Behavior under ITS
- Simulation and Modeling
- Traffic Theory for ITS
- Statistical Modeling
- Optimization and Control: Theory and Modeling
- Geographic Information Systems
- Hardware in the Loop Simulation
- Software in the Loop Simulation
- Artificial Transportation Systems

Emergency Management and Transportation Security

- Emergency Notification & Personal Security
- Emergency Vehicle Management
- ITS and National Security
- Parallel Management Systems for Transportation Emergency

Other Topics

- Imaging and Image Analysis
- Multi-Sensor Fusion
- Cooperative Systems
- Intelligent Transportation Space
- Agent-based Methods for Traffic and Vehicular Systems
- Ad Hoc Systems

Manuscript Submission Deadline: May 1, 2009

Notification of Acceptance Date: July 15, 2009

Final Paper Submission Date: August 15, 2009

Special Session Proposal Deadline: 1 April 2009

