ABOUT

ITS America is the leading advocate for ITS technology development and deployment in the United States. ITS America was established in 1991 as a not-for-profit organization to foster the use of advanced technologies across America’s surface transportation system. Members include private companies and industry leaders, government agencies at all levels, universities and research laboratories. Intelligent transportation systems (ITS) include a broad range of technology solutions that provide and manage information to improve the safety, efficiency, and performance of our transportation network. These technologies include electronic tags that allow travelers to pay tolls without slowing down, real-time traveler information to help manage traffic congestion and provide travel choices, equipment on vehicles that alert drivers to dangerous situations, and much more.

WHY YOU SHOULD SUBMIT A PAPER

The quality of ITS America’s annual meetings is unparalleled. We select papers that further the discussion about state-of-the-art transportation technologies or offer a fresh outlook on the policy, financial, economic, or social implication of deploying transportation technologies. If your paper is selected, it is because we believe the paper discusses innovative technology, presents novel analysis of technical or policy issues, or proposes solutions to potential hurdles to deployment of technologies.

If Your Paper Is Accepted:
• You will participate in one of the most highly regarded events in the transportation industry.
• You will build your and your company’s reputation as an information resource within the ITS industry.
• Your paper may be included in one of the topical proceedings produced by ITS America for dissemination throughout the transportation community.
• You will add value to the knowledge-base of other transportation, technology, and business professionals.
• You will receive a reduced registration fee. All accepted and invited paper authors are required to register and pay accordingly for the ITS America Annual Meeting.

How To Submit A Paper
• You can submit a draft paper through the ITS America website, www.itsa.org.
• Draft Papers must be submitted by December 1, 2011.
• Once you have successfully submitted a draft paper online, you will receive confirmation by e-mail.
• Draft Papers will be subjected to a peer review process. Papers of a predominantly commercial nature will not be selected for presentation.

QUESTIONS
Questions about the program or the online submission process should be directed to Nicole Oliphant at noliphant@itsa.org or 202.721.4215.
Here is your opportunity to participate in the leading industry conference focused on Intelligent Transportation Systems.

Draft Technical and Scientific papers are now being accepted for the Intelligent Transportation Society of America’s 2012 Annual Meeting and Exposition, May 21-23, 2012, in National Harbor, Maryland, just outside of our nation’s capital.

The 2012 Annual Meeting and Exposition provides the intelligent transportation systems (ITS) industry with a forum to learn about and share insights on the latest advancements in ITS technologies. With the theme of “Smart Transportation: A Future We Can Afford,” you don’t want to miss this opportunity to discuss the challenges of funding infrastructure, meet USDOT officials and legislators on Capitol Hill, and see successfully deployed ITS solutions in the DC, Maryland and Virginia Corridor.

Draft papers must be original and should report on recent significant and substantial achievements and results, reflecting the theme, “Smart Transportation: A Future We Can Afford.”

To accept papers and publish presentations, ITS America requires authors to warrant that the submitted content will not infringe or violate any property or other right of any third party and agree to grant permission to ITS America to reproduce, display, publish, distribute, and promote the submitted content as the ITS America 2012 Annual Meeting Organizing Committee may see fit.

**KEY DATES**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 1, 2011</td>
<td>Draft Technical and Scientific papers Due</td>
</tr>
<tr>
<td>January 20, 2012</td>
<td>Authors notified of acceptance</td>
</tr>
<tr>
<td>April 20, 2012</td>
<td>Final/Full Technical and Scientific Papers Due</td>
</tr>
<tr>
<td>April 20, 2012</td>
<td>Speaker Registration deadline</td>
</tr>
</tbody>
</table>

**SMART TRANSPORTATION**

* A Future We Can Afford

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**TECHNICAL & SCIENTIFIC PAPER Topics and Subtopics**

1. **Policy and Strategy**
   - a) Local, Regional, National Safety Goals and ITS Policy
   - b) Infrastructure Financing Strategies (in general)
   - c) Congestion Pricing
   - d) Vehicle Miles Traveled Funding
   - e) Standards Approaches and Policy
   - f) Development and Use of ITS Architectures
   - g) Systems Engineering for ITS
   - h) Cost, Benefit and Performance Evaluation
   - i) International Cooperation
   - j) National Safety and Mobility Strategy

2. **Next-Generation Traveler Information**
   - a) Navigation Systems and Map Databases
   - b) Personal Technologies for Mobility (including PDAs, portable navigation devices, personal communication devices)
   - c) Journey and Event Planning (including personalized services)
   - d) Real-Time Content (including location-based services)

3. **Infrastructure, Traffic and Congestion Management**
   - a) Operations
   - b) Congestion Management
   - c) Travel Demand Management
   - d) Integrated Corridor Management (including load balancing, freeway and arterial management, and managed lanes)
   - e) Payment Systems
   - f) Traffic Control and Enforcement
   - g) Incident Detection and Management
   - h) Managing Major Events
   - i) Disaster Management: Planning and Response
   - j) Modeling and Simulation
   - k) Parking Management and Enforcement

4. **Public Transport**
   - a) Public Transport Operations
   - b) Multimodal Public Transport (bus, paratransit, rail)
   - c) Public Transport Safety and Security
   - d) Passenger Information

5. **Freight and Commercial Vehicles**
   - a) Ports and Intermodal Transfers
   - b) Secure Cargo Management
   - c) Commercial Vehicle Regulation and Compliance
   - d) Commercial Driver Monitoring and Support
   - e) Hazardous Materials Tracking and Management

6. **Cooperative Mobility**
   - a) Vehicle-to-Infrastructure Communication
   - b) Vehicle-to-Vehicle Communication
   - c) E-Call and Automatic Crash Notification
   - d) Probe Data Collection, Processing, and Dissemination
   - e) Wireless Technology, Protocols, and Standards
   - f) Communications security (authentication, privacy, hacking prevention)
   - g) Spectrum

7. **Vehicle Systems and Electronics**
   - a) Driver Assistance Systems
   - b) Vehicle Warning and Control Systems (including Collision Warning and Avoidance)
   - c) Vehicles and the Internet
   - d) Driver Behavior
   - e) Human-Vehicle Interfaces
   - f) Vehicle-Centered Telematics (stolen vehicle tracking, remote door unlock, etc.)

8. **Environment**
   - a) Transportation System Efficiency
   - b) Environmental Performance Measures
   - c) Inventorying and Managing Agencies’ Carbon Footprint
   - d) Operational Strategies to Respond to Changing Conditions
   - e) Vehicles, Fuels and the Supporting Infrastructure
   - f) Weather (including detection and information systems)

9. **Training and Education**
   - a) Educating Tomorrow’s Transport Professionals
   - b) Continuing Professional Education
   - c) Educating the Public about ITS
   - d) Educating Government about ITS