

## 2016 IEEE Forum on Integrated and Sustainable Transportation Systems

Sponsored by the IEEE Intelligent Transportation Systems Society  
July 10-12, 2016, Beijing, China  
<http://www.ieeefists.org>

**FISTS'16** will be held together along with **2016 IEEE International Conference on Service Operations and Logistics, and Informatics** and **2016 IEEE International Conference on Vehicular Electronics and Safety**.

Transportation of goods and people plays a vital role in the lives of everyone and in virtually all businesses on earth. The cost of transportation, both personal and freight, accounts for a significant share in the global economy. Traditionally, transportation has been divided into three categories: land (automobiles, trucks, and rail), air and water. There are many issues affecting all of these modes of transportation in the face of increasing demands. New technologies are required to solve these issues. The purpose of FISTS is to bring together world leaders in technology, implementation, and policy management to share information on issues involving land, air, and sea systems.

### General Co-Chairs

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#### Hongxia Zhao

#### Wuling Huang

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### Topics

The technical areas include but are not limited to the following:

#### Sustainable Land Transportation

- Traffic Management
- Traveler Information Services
- Traffic Data Collection and Analysis
- Traffic Estimation/Prediction
- ECO-Friendly ITS applications
- Innovative Transit Systems
- Innovative Goods Movement Systems
- Transportation Solutions for Urban Areas

#### Sustainable Water Transportation

- Linking Waterways with Road and Rail
- Advanced Propulsion Systems
- Traffic Management/Information Services

#### Sustainable Air Transportation

- Air Traffic Management Systems
- Aircraft Operations and Fuels

#### Communication Efficiency

- Green Radio
- Communication Power Systems
- Sustainable Wireless Networks

#### Integrated Systems

##### Co-operative Systems

- Innovative Multi-Modal Travel Solutions
- Transportation Infrastructure
- Intelligent Vehicles/Infrastructure
- Crossborder Multimodal Integration

##### Energy

- Alternative Energy and Fuels
- Innovative Energy Management
- Future Energy Sources

##### Environmental Issues

- Transport Greenhouse Gas Emissions
- Transport Air Pollutant Emissions
- Transport-related Water Quality Issues

##### Efficiency Issues

- Capacity Management of Roads
- Capacity Management of Rail
- Throughput Maximization
- Systems Operation Efficiency
- Regulative and Legal Issues

### 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.

### Important Dates

Please visit the conference website at <http://www.ieeefists.org> for the deadlines.

