International Conference on Smart Mobility 2026

IEEE SM

Enabling AI-Powered, Seamless, and Sustainable Mobility for All

📅 Canadian University Dubai, City Walk Al Wasl, Dubai, UAE

📍 April 1-3, 2026

The International Conference on Smart Mobility (IEEESM) is designated for reporting recent research, development and deployment results in smart mobility systems and services, their challenging problems and their potential applications. IEEESM is where academics, technologists, OEMs, mobility service providers, city planners and policy makers can network, learn and collaborate with each other. The program of the conference features keynote and invited speeches from top thought-leaders and pioneers in the area of smart mobility, panel discussions, fully refereed papers, workshops, tutorials, industry sessions, Women in Mobility (WIM) Symposium and Triple Helix Exhibition.

The Smart Mobility Triad

Smart mobility is one of the main pillars that characterizes smart cities and maintains their sustainability as a way to deal with continuously growing world urbanization and its expected impacts on public health, congestion and accelerated global climate change.

The widespread deployment and the societal acceptance of smart mobility technologies will depend not only on the maturity of the technology but also on the availability of a well-developed governance framework and the proper city planning to accommodate these evolving technologies.

This means that smart mobility depends on a triad of complementary factors:

Technology   **City Planning**   **Governance**

Call for Papers

The International Conference on Smart Mobility 2026 is organized into three tracks representing the smart mobility triad; technology, city planning and governance, with a list of areas in each track.

Authors shall choose a primary and an alternative area when submitting their papers. Other research areas that fall within the three tracks are also welcomed.

Track 1:
Smart Mobility Technologies

- AI and ML for mobility prediction, planning, and control
- Agentic AI and autonomous decision-making for mobility systems
- Software-defined vehicles and edge intelligence
- Real time observability
- Vehicle-to-Everything (V2X), 5G/6G, and real-time connectivity
- Electric and autonomous vehicle platforms and integration
- Digital twins for transportation infrastructure and operations
- Sensor fusion and perception systems for connected mobility Intelligent logistics and last-mile delivery automation
- Mobility-as-a-Service (MaaS) architecture and orchestration
- Vehicle-as-a-Service (VaaS)
- Seamless Integrated Mobility Systems
- Driving behaviors and human factors
- Human-AI interaction and in-vehicle intelligence
- Geospatial analytics and real-time routing optimization
- Sustainable energy systems for e-mobility

Track 2:
City Planning for Smart Mobility

- Urban design for multi-modal and shared mobility integration
- Data-driven city planning and simulation tools
- Digital infrastructure for resilient and scalable transport systems
- Micro-mobility planning and active transportation infrastructure
- Accessibility and equity in smart mobility networks
- Land use planning and transit-oriented development (TOD)
- Public transport reconfiguration in the era of AI and automation
- Smart parking, curb management, and street space optimization
- Dynamic demand modeling and congestion management
- Urban freight and sustainable logistics in dense environments
- Climate-adaptive transport infrastructure

Track 3:
Smart Mobility Governance

- Open Data Policies
- AI governance and regulatory frameworks in transportation
- Policy strategies for decarbonization and net-zero mobility
- Mobility data sharing, privacy, and cybersecurity
- Risk, liability, and insurance for autonomous systems
- Standardization and interoperability of digital mobility platforms
- Funding models and public-private partnerships
- Autonomous driving legislative frameworks
- Aviation regulations for urban air mobility
- Maritime laws and regulations for autonomous ships
- Legislations to support cross-border mobility
- Smart mobility policy in the Global South and emerging economies
- Ethical frameworks for automated decision-making in transport
- Impact of mobility innovation on employment and labor transitions
- Stakeholder and community engagement in mobility planning
- Legal frameworks for drone delivery, aerial mobility, and autonomous vehicles

Important Dates

Jan 31, 2026
Paper Submission Deadline

Feb 22, 2026
Notification of Acceptance

Mar 2, 2026
Camera-ready Paper Submission

Apr 1-3, 2026
Conference Dates

Paper Submission Link
(All Tracks)

Organizing Partner

CANADIAN UNIVERSITY DUBAI
Your portal to Canadian education

Technical Sponsor

ITSS IEEE Intelligent Transportation Systems Society

🌐 ieeesm.org

✉ info@ieeesm.org