IEEE International Conference on Smart Mobility 2022

IEEE

Al Alamein International University, New Alamein, Egypt
March 6 - 7, 2022

The International Conference on Smart Mobility (ICSM) is designated for reporting recent research and development results in smart mobility systems and services, their challenging problems and their potential applications. The scientific program will include keynote and invited speeches, panel discussions and fully refereed contributions.

Hybrid Conference

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 2022 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

- E-mobility
- Automated Mobility
- Connected Mobility
- Micro-Mobility
- Active, Soft or Zero-impact Mobility
- Inclusive Mobility
- Disruptive Mobility Platforms
- Shared Mobility
- Mobility On Demand (MOD)
- Mobility as a Service (MaaS)
- Seamless Integrated Mobility Systems (SIMS)
- Vehicle-as-a-Service (VaaS)
- Location Intelligence
- Blockchain in Smart Mobility
- AI for Smart Mobility
- Last-mile Delivery
- Gig Economy and Crowdsourcing
- Passenger Economy

Track 2: City Planning for Smart Mobility

- Intelligent Infrastructure
- EV Charging Station Infrastructure
- Vehicle to Grid (V2G)
- Vehicle to Infrastructure (V2X) Connectivity
- Transport Corridors
- Emergency Safe Spots and Safe Harbors
- Micro-mobility Stations
- Micro-mobility Highways/freeways
- Digital Road Signage
- Smart Parcel Lockers for Last-mile Delivery
- Smart Parking
- Planning for eVTOLs
- Autonomous Urbanism
- Sustainable Urban Mobility Planning
- Smart Mobility within Smart Cities
- Smart Mobility and Sustainable Development

Track 3: Smart Mobility Governance

- Open Data Policies
- Safety Verification and Validation
- Standardization
- Cybersecurity Regulation
- Liability
- Privacy and Digital Rights
- ICE Vehicle Phase-Out Plans
- Electric Vehicle Government Incentive Programs
- Autonomous Driving Legislative Frameworks
- Aviation Regulations for Urban Air Mobility (UAM)
- Maritime Laws and Regulations for Autonomous Ships
- Legislations to Support Cross- border Mobility
- Roadmaps for Smart Mobility
- Smart Mobility in the Post-pandemic World

Paper Submission Link *(for all tracks)*
https://edas.info/N29378

Important Dates

Feb 21, 2022	March 1, 2022	March 6-7, 2022
Paper Submission Deadline	Notification of Acceptance	Conference Dates

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