SMiLE
For Sustainable Living

1st International Conference on Smart Mobility and Logistics Ecosystems (SMiLE)

Smart Mobility and Logistics Ecosystem for Sustainable Living
KFUPM, Dhahran, Kingdom of Saudi Arabia
17 – 19 September 2024

SMiLE CALL FOR PAPERS
17-19 September 2024

About the Conference

SMiLE (Smart Mobility and Logistics Ecosystems) is a novel technical conference taking place in Saudi Arabia, aimed at bringing together leading academics, researchers, and professionals. Its primary objective is to facilitate the exchange of knowledge, experiences, and research concepts related to various aspects of smart mobility and logistics. Smart mobility and logistics play a crucial role in enhancing the efficiency of transportation systems, reducing environmental impacts, and improving overall urban traffic. By leveraging advanced technologies in IoT, AI, data analytics, unmanned autonomous vehicles, electric vehicles, and hydrogen fuels, smart mobility enables real-time monitoring of transportation networks, contributing to reduced congestion and emissions.

The aim of the conference is to showcase advances in the areas of smart mobility and logistics for academics, industry, and governmental institutions. Therefore, the conference invites the submission of full-length papers, which will undergo a peer-review process and subsequent publication. Authors will present their papers in English, with allocated time slots for oral presentations, including question and answer sessions. It is mandatory for at least one author to register for the conference.

All accepted papers will be published in the conference proceedings and submitted for publication in Procedia Transportation Research, hosted by Elsevier on www.elsevier.com and on the Elsevier content platform ScienceDirect (www.sciencedirect.com), and will be freely available worldwide. All papers in Procedia will be indexed by Scopus (www.scopus.com).

Extended Paper Submissions

Authors of selected papers will be invited to submit extended versions to the special issue of the following:

Transportation Research Part A: Policy and Practice, Elsevier (IF:6.4, Q1)

Arabian Journal for Science and Engineering, Springer Nature (IF:2.7, Q2)

An Automation Identification System (AIS), Springer Nature Computing and Artificial Intelligence, Academic Publishing

Collection, Connected and Smart Mobility, Springer Nature

Collection, Sustainable Smart Mobility Policies and Regulations, Springer Nature

Collection, Understanding the Policy Shift with the Digital Twins in Smart Transportation and Mobility, Springer Nature

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ELSEVIER Transport Research Procedia SPRINGER NATURE
Scopus Web of Science COMPUTING AND INFORMATICS

Important Dates

Item	Deadline
Full Paper Submission:	15 may 2024
Acceptance Notification:	15 June 2024
Camera-Ready Submission:	30 June 2024
SMiLE Conference Dates:	17-19 September 2024

For support, you can email us: smile@kfupm.edu.sa

Registration

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Conference Tracks

Track 1: Sustainable Smart Mobility Solutions
Track 2: Future of Logistics
Track 3: Carbon Neutral Solutions for Mobility and Logistics
Track 4: Sustainable Cognitive Cities

Topics

Topics include, but not limited to:

Track 1: Sustainable Smart Mobility Solutions

- Autonomous Systems for Mobility (e.g., Cars, Drones, Humanoids)
- Communication Protocol V2V and V2I
- Internet of Drones
- Internet of Vehicles
- IoT (Internet of Things)
- Mobility as a Service
- Security, Blockchain, and Mobility
- Secure IT & Communication Protocol
- Smart Sensing Technology

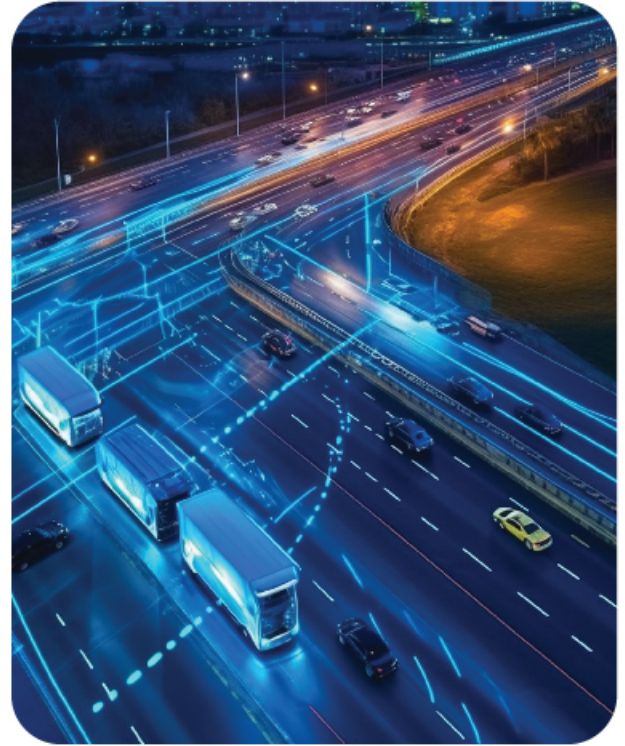#### Track 2: Future of Logistics

- AI/ML Driven Production and Demand
- AI/ML for Freight Procedures and Clearance
- Application of Optimization and Operational Research in Mobility and Logistics
- Automation of Logistics
- Big Data to Connect Port(s)
- Cognitive Automation of Logistic Systems
- Green and Reverse Logistics
- IoT for Logistics
- Smart Health Logistic

Track 3: Carbon Neutral Solutions for Mobility and Logistics

- Battery Technology and EV
- FC and Renewable Energy for Different Mobility Modes
- Hydrogen Mobility
- mproving Hydrocarbon Mobility: ICE, H2-ICE, H2-Diesel-ICE
- Microgrid for EV Mobility

Track 4: Sustainable Cognitive Cities

- Cognitive Computing and AI
- Climate Resilience
- Data Security and Privacy
- Resilience and Disaster Management
- Smart Governance
- Smart Infrastructure
- Smart Urban Planning
- Waste Management

Track Chairs

Track#1
Abdulwahed Abdulaziz Saif, KFUPM, Saudi Arabia (Chair)
Josep Salanova, Hellenic Institute of Transport (HIT), Greece
Muhammad Faizan Mysorewala, KFUPM, Saudi Arabia
Wim Ectors, Hasselt University, Belgium

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Dario Babic, University of Zagreb, Croatia
Siham Farrag, Middle East College, Oman

Track#3
Ali Taleb Alawami, KFUPM, Saudi Arabia (Chair)
Ahmed Eltayeb Taha, KFUPM, Saudi Arabia
Joshua Auld, Argonne National Laboratory, USA
Johan Holmgren, Malmö University, Sweden

Track#4
Habib Mahdi Alshuwaikhat, KFUPM, Saudi Arabia (Chair)
Peter Vortisch, Karlsruhe Institute of Technology, Germany
Elenna Dugundji, MIT, USA
Syed Saad Azhar Ali, KFUPM, Saudi Arabia

Conference Highlights

4 High Impact Conference Tracks
Plenary Talks by Distinguished Speakers
Tutorial Sessions
Exhibition
Awards
Social Events

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