International Hybrid Workshop

“Micro Mobility in Today's Transportation: Navigating Challenges and Embracing Opportunities”

Sunday, September 29, 2024

Micro mobility, including electric scooters, bicycles, and other compact vehicles, plays a pivotal role in modern transportation systems by addressing the last-mile challenge and reducing congestion in urban areas. These convenient and eco-friendly modes of transport offer a flexible solution for short-distance travel, complementing existing public transit networks. Despite their benefits, micro mobility faces challenges such as safety concerns, infrastructure limitations, and regulatory issues related to usage and parking. Despite these hurdles, the rise of micro mobility presents significant opportunities for innovation, including the integration of smart technologies for fleet management, the development of safer and more durable vehicles, and the creation of sustainable business models. However, some studies suggest that certain electric micro mobility modes, such as e-scooters, are replacing cycling and walking. This shift away from active transportation modes could have significant negative impacts on health and lifestyle.

This hybrid international workshop is jointly organized by Qatar Transportation and Traffic Safety Center, College of Engineering (Qatar University), Ministry of Transport of the State of Qatar, the International Association of Traffic and Safety Sciences (IATSS), the International Road Federation (IRF), and the World Conference on Transport Research Society (WCTRS).

This workshop will convene a distinguished panel of international speakers and experts currently involved in the development of the Qatar Bicycle Master Plan. These experts will engage in a discussion on the role of Micro Mobility within multimodal transportation systems, addressing the associated safety and efficiency challenges.

Physical Attendance: Auditorium Hall, Building H10 “Research Complex”, Qatar University

Virtual Attendance: Please register via:
https://qu-edu.webex.com/weblink/register/rb7a1e3564de7b0bd33bee1a6aeef3ed2

Scan to Register

Workshop Agenda

Sunday, 29th September 2024

Workshop Timeline

Time	Event Schedule	Speaker
08:30 – 09:00 am	**Registration & Networking**	
09:00 – 09:10 am	**Opening and Welcoming Remarks**	**Dr. Khaled Naji** Dean College of Engineering, Qatar University
		Mr. Saleh Al Marri Director of Land Transport Planning Department, Ministry of Transport
Invited Presentations Session ***Moderator:*** *Dr. Wael Alhajyaseen*		
09:10 – 09:25 am	**The Role of Micromobility in Shaping Sustainable Cities: an International Perspective**	**Mrs. Susanna Zammataro** Director General, IRF
09:25 – 09:40 am	**Introduction of IATSS Research Project on Micro-E-Mobility and Current Issues Surrounding Low and Medium-Speed Mobility in Japan**	**Prof. Koji Suzuki** Nagoya Institute of Technology, Japan
09:40 – 9:55 am	**Green, Smart, and Connected: The Promise of Urban Micromobility**	**Dr. Sami El Ferik** Director of Interdisciplinary Research Center for Smart Mobility and Logistics, King Fahd University of Petroleum and Minerals, Kingdom of Saudi Arabia
9:55 – 10:10 am	**UCL PEARL projects: How Environmental Factors Influence the Comfort of Pedestrians and E-Scooter Riders**	**Dr. Tatsuto Suzuki** University College London, UK
10:10 – 10:30 am	**Q&A**	
10:30 – 11:00 am	**Coffee break**	
11:00 – 11:15 am	**International Comparison: Intention to Use and Social Acceptance of E-Scooters**	**Dr. Wael Alhajyaseen** Qatar Transportation and Traffic Safety Center, Qatar University
11:15 – 11:30 am	**Risk Perception Characteristics of Car Drivers and Pedestrians toward E-Scooters**	**Dr. Miho Iryo-Asano** Nagoya University, Japan
11:30 – 11:45 am	**SCATS Traffic Control System: Enhancing Micromobility Management and Safety at Signalized Intersections**	**Eng. Daniel Jaros** Traffic Tech, Qatar
11:45 – 12:00 am	**Micromobility Potentials in Sparsely Populated Areas: a Case Study from Rural and Mountainous Austria**	**Dr. Takeru Shibayama** TU Wien, Austria
12:00 – 12:30 am	**Q&A**	
12:30 – 13:00 am	**Coffee break**	
Qatar Bicycle Master Plan-QBMP Discussion Session **Ministry of Transport**		
13:00 – 13:30 pm	**Bicycle Policies – Global Perspectives and Local Needs**	**- Chris Lucas** CDM Smith
13:30 – 14:00 pm	**Principles for Bicycle and Micro-mobility Infrastructure Planning**	- **Conor Semler** Kittelson & Associates, Inc.
14:00 – 14:30 pm	**Stakeholders Q/A**	**- Moderator: Rula Khashman** QBMP Team, CDM Smith
14:30 – 14:40 pm	**Closing Remarks**	