



IEEE ITSC 2023

24-28 September 2023

Bilbao, Bizkaia, Spain

26th IEEE International Conference on Intelligent Transportation Systems

SPECIAL SESSION CALL FOR PAPERS

New Technological Trends in Shared Mobility Systems



Call for Papers

This special session aims to gather and showcase recent advancements and innovations in technology, mechanism, and methods related to **shared mobility systems** such as ride-sharing, car-sharing, sharing in electrified and multimodal transport systems. The scope of the session intends to cover all aspects of theories, applications and use cases for new technological trends arising in shared mobility systems, offering a free space for researchers, practitioners, and industry experts to share their knowledge and insights in this field. The goal of this **half-day** session is to foster discussion, collaboration, and exploration of new ideas and solutions related to shared mobility systems and to promote their continued growth and development for societal good.



Organisers

Dr. Mingming Liu	Dublin City University, Ireland
Prof. Chun Wang	Concordia University, Canada
Dr. Estíbaliz Loyo	Vicomtech, Spain



Important Dates

May 15, 2023	Submission deadline for the special session papers
June 30, 2023	Notification of paper acceptance
July 31, 2023	Final paper submission deadline



Topics of Interest

Topics of interest include, but are not limited to the following:

- New trends in promoting shared e-mobility services
- New communication technologies for shared mobility systems
- New methods in modelling and simulation of shared mobility systems
- New developments and innovations in digital twins for shared mobility
- New trends in building smart and autonomous shared mobility systems
- New methods for shared mobility systems towards mobility as a service
- New trends in system design and architecture for shared mobility systems
- New AI, machine learning and deep learning models for shared mobility systems
- New trends in planning, management, and deployment of shared mobility systems
- New developments and innovations in IoT applications for shared mobility systems
- New edge/fog/cloud-based computing framework trends for shared mobility systems
- New control, system and applied optimization techniques for shared mobility systems
- New trends in privacy, secure and trust-based mechanisms for shared mobility systems
- New methodologies, models, and innovations in data analysis for shared mobility systems

Submission Guideline:

Manuscripts submitted to this special session should be done through the paper submission website of the main conference: <https://its.papercept.net/>

Choose Special Session Paper, enter the **Special Session Code: 6u4n4** and follow the regular submission process. Papers submitted to this session are reviewed according to the same rules as the submission to the regular sessions of ITSC 2023.

Please find more info on the ITSC 2023 website: <https://2023.ieee-itsc.org/>

