MobiTAS 2025
7th International Conference on HCI in Mobility, Transport and Automotive Systems

Jointly held under one management and one registration with HCI International 2025

https://2025.hci.international/mobitas

Chair
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Disruptive technologies in the field of mobility lead to new challenges for users.

Innovative means of transportation, which are characterized by technological, environmentally friendly or conceptual innovations, such as autonomous vehicles, air cabs or e-scooters, are becoming available. To achieve acceptance and safety of these systems, human-machine interaction must be completely rethought.

However, these modes of transportation must also be integrated into intermodal travel chains. Intelligent travel information systems are being developed to make it easier for travelers to plan, book, and complete an intermodal travel chain and to interact with the various systems.

The related topics include, but are not limited to:

- Disruptive Technologies supporting Mobility and Traffic:
  - Artificial Intelligence
  - Deep Learning
  - Blockchain
  - Virtual and Augmented Reality
- Cooperative and intelligent transport systems:
  - Cooperative driving and connected vehicles
  - Smart vehicle interaction
  - User interaction for autonomous driving
- UX research methods in the context of mobility:
  - Tools and simulations for user interfaces
  - Evaluation methods for UX of user interfaces
  - Usability tests in virtual or augmented reality
- Automotive user interfaces:
  - Driver information and assistance systems
  - Navigation systems
  - In-vehicle head-up displays and augmented reality
  - Gaming and entertainment
  - User interfaces for (semi) autonomous driving
  - User interfaces for inter-vehicle communication in the context of V2V, V2I, Car-to-X
  - Input Media in comparison: direct touchscreen interaction, speech input, gesture control
- User needs in the context of mobility:
  - User requirements in the context of mobility: methods and tools
  - Women in transport
  - Mobility for elderly or disabled people
  - Multimodal and Intermodal Mobility

- Micro Mobility
- Mobility-as-a-Service: Concepts, Projects, Innovations
- Smart Stations and Traveler information systems:
  - Mobility planning, City guides
  - Passenger information
  - Ticketing in public transport
  - Car- and bike sharing system: access and billing
  - Design and Functionalities of Smart or Virtual Stations
- Mobility Platforms to connect supply and demand of mobility services:
  - Digital ticketing
  - Ticketing for intermodal services
  - Design
  - Data requirements
  - Services
  - Operators
  - Security
- Urban transport systems:
  - Engineering of mobility services
  - Transportation systems management
  - Last Mile Urban Logistics and Supply Chains
  - Traffic control center and systems
  - Visualization of traffic data
  - Decision support systems in transport
  - Road safety support systems
  - Urban Air Mobility

Conference proceedings published by

Submission deadlines are available at the HCII 2025 website:
https://2025.hci.international/submissions.html