

Human Factors in Intelligent Transportation: Challenges and Opportunities

Recent technological advances enabled human beings to become the key role of our daily life. In particular, human factors in intelligent transportation emerged as an exciting research topic that can provide solutions to improve the safety and quality of life of drivers, from aviation, land to maritime. This works introduces the human-computer interaction specialists developed in this workshop, with particular focus on its innovative perception and interaction capabilities. The project's main goal is to enrich the day-to-day experience of drivers with technologies that enable safe driving, comfort driving, to sustainable driving.

Workshop Objectives:

- Explore recent advancements in intelligent vehicles and intelligent transportation across different HCI, human factors.
- Discuss challenges and opportunities associated with the integration of human factors and machine intelligence.
- Foster collaboration and knowledge exchange among researchers, practitioners, and industry professionals in the field of intelligent transportation, particularly in the field of human factors in intelligent transportation.
- Identify potential research directions and opportunities for future innovation in human factors in intelligent transportation.

Workshop Topics:

The workshop will cover, but is not limited to, the following topics:

- Human Factors for Intelligent Transportation.
- Human Computer Interaction for Intelligent Transportation.
- Cognitive Informatics in Intelligent Transportation.
- Cognitive Neuroscience and Neuroergonomics in Intelligent Transportation.

Workshop Organizers:

Jiawei Xu, Associate Professor of College of Computer and Artificial Intelligence at Wenzhou University.

Program committee members:

Hanwei Zhang, Saarland University.

Important Dates:

- Workshop Paper Submission Deadline: September 15, 2024
- Notification of Acceptance: October 15, 2024

Papers are to be submitted as PDF via the site: <https://edas.info/N32633>.

Please select the corresponding workshop when submitting your paper.