4TH INTERNATIONAL CONFERENCE ON COGNITIVE MOBILITY

BUDAPEST, HUNGARY | OCTOBER 2–3, 2025

Cognitive Mobility

SCOPE

Cognitive Mobility (CogMob) investigates the entangled combination of the research areas such as mobility, transportation, vehicle engineering, social sciences, artificial intelligence, cognitive infocommunications.

The key aim of CogMob is to provide a holistic view of how mobility in a broader aspect can be understood, described (modeled), and optimized as the blended combination of artificial and natural/human cognitive systems.

It considers the whole combination as one unseparable CogMob system and investigates what kind of new cognitive capabilities of this CogMob system are emerging. One of the CogMob focus areas, based on its nature, is the engineering applications in the mobility domain.

Topics:

- Artificial cognitive capabilities in mobility
- AI, Maschine and deep learning in transport
- Human-Machine Interface
- Effect of Future of Internet to mobility
- Cognitive approach in supply chain
- Fuels and lubricants for the cognitive vehicles
- Cognitive sciences in the digital world
- Sustainability in cognitive transport infrastructure
- Machine learning for vehicle and traffic control
- Embodied and enactive cognitive systems effect on mobility
- Cognitive networks and their intelligent capabilities
- Human Interfaces: bio, cognitive, digital and wearable interfaces – augmented reality in transport
- Intelligent Vehicle and Transportation Systems
- Smart transport
- Cognitive Infocommunication based learnability for transport
- Digital Reality in Human development a new area of effective teaching in transport
- Mobility in precision agriculture

Date: October 2-3, 2025

Venue: Bosch Budapest Innovation Campus (H-1103 Budapest, Robert Bosch str. 14)

Share your scientific ideas – participate as a speaker!

**Make yourself visible on the cognitive mobility map,
be a sponsor of the conference with a diverse presence!**

For more information, please get in touch with us at the **conference@cogmob.hu** e-mail address.