4TH INTERNATIONAL CONFERENCE ON COGNITIVE MOBILITY
BUDAPEST, HUNGARY | OCTOBER 2-3, 2025

CALL FOR PAPERS

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.

Main Topics of CogMob 2025:

- Smart Railways: Trains, Infrastrucutre and Traffic Management
- Artificial Cognitive Capabilities in Mobility
- AI, Maschine and Deep Learning in Transport
- Cognitive Logistics
- Human-Machine Interface at Mobility
- Cognitive Approach in Supply Chain
- Fuels and Lubricants for the Cognitive Vehicles
- Sustainability in Cognitive Transport Infrastructure
- Machine Learning for Vehicle and Traffic Control

Papers should be submitted through the EasyChair electronic submission system. If you wish to dedicate your paper proposal to a specific Track or Session contact us with the number and title of your submission and the name of the track/session you would like to join too. If you need help with the submitting process, please contact us.

Submissions should be original and unpublished. Submissions cannot have been published or accepted in a journal or conference proceedings, nor presented at another conference. Further, submissions must not be concurrently under consideration for publication or presentation elsewhere.

The official language of the conference and of all submissions is English.

Important dates:

- Full paper submission deadline: 15 June, 2025
- Notification of acceptance: 31 July, 2025
- Final submission: 15 August, 2025

For more information of the submission please click **here**.

If you have any question do not hesitate to contact us at **conference@cogmob.hu** e-mail address.

CogMob2025 website:

Prof. Máté Zöldy DSc.
General Chair
CogMob2025 Conference