

The Ministry for recovery, infrastructure and transport of Ukraine

The State Enterprise "State Road Transport Research Institute"

With the support of the Committee of the Verkhovna Rada of Ukraine on Transport and Infrastructure

Announcement regarding the holding of the

V International Scientific and Practical Conference

on November 24, 25, and 26, 2026

"Prospects for the development of road transport and infrastructure"

Format: video conference (online).

Tentative Schedule (10:00 – 17:00, Break: 13:00 – 14:00):

- November 24: plenary session.
- November 25 – 26: thematic sessions and panel discussions.

Conference Objective: Scientific, expert-analytical, and informational support of the State under wartime conditions, in determining the status, urgent needs and problems, trends, prospects, and appropriate strategies for the development of road transport, infrastructure, and related industries in light of international integration and global challenges.

Primary thematic directions:

- **Wartime Challenges & Strategy of Development**: Urgent needs, trends, and strategies for developing road transport, transport engineering, road infrastructure, and the transport energy sector, legislative, regulatory, and technical framework priorities.
- **European Integration**: Prospects, challenges, and priority tasks for integrating Ukraine's transport and related economic sectors into the EU ecosystem.
- **Road Infrastructure & Safety**: Strategic directions for road network development, traffic safety challenges, and modern solutions. Innovative materials and technologies for constructing and rebuilding infrastructure during wartime. Environmental protection in road construction and operations.
- **Transport Engineering & Automotive Industry**: Current issues in vehicle manufacturing and related sectors, along with actionable solutions.
- **Materials Science & Structural Durability**: Durability of materials, coatings, and structures. Dynamics and strength of machinery and buildings.
- **Future Vehicle Design**: Trends in motor vehicle architecture. Evolution of internal combustion engines. Battery-electric vehicles (BEVs) and their charging infrastructure. Hybrid technologies and fuel-cell vehicles.
- **Alternative Energy in Transport**: Hydrogen energy, alternative fuel sources, and strategies for energy diversification under wartime constraints. Advancements in tires, lubricants, and other consumables.
- **Eco-Innovations & Life Cycle Management**: Green technologies and energy efficiency innovations. Environmental and climate protection measures. Economics encompassing the design, operation, disposal, and overall life cycle of motor vehicles and infrastructure objects.
- **Transport Logistics & Communities**: Safety and security of transport networks, regional differentiation, logistics integration, and the vital role of territorial communities and civil society.

- **Transport Economics & Supply Chains**: Freight economics, supply chain management, and complex international transport policies. International road haulage – challenges and solutions.
- **Power equipment and electronics**: Equipment for vehicles and infrastructure, design, and engineering technologies for new machinery.
- **Digital Transformation**: Telecommunication equipment and intelligent transport systems (ITS) for vehicles and infrastructure.
- **Cybersecurity**: Protecting connected vehicles and road transport infrastructure from cyber threats.
- **Technical Regulation & Standardization**: Implementation of technical norms in road transport and the automotive industry. Pan-European principles for regulating fuel consumption, greenhouse gas (GHG) emissions, and other pollutants. Prospects regarding Ukraine's affiliate membership in CEN/CENELEC.
- **Conformity Assessment**: Technical regulations and product compliance. Modern technologies, methodologies, and systems for testing and verifying motor vehicle designs and components.
- **Maintenance, Repair & Inspection**: Regulatory and technical framework for mandatory vehicle roadworthiness testing, roadside inspection, and compliance. Ensuring vehicle safety during structural modifications.
- **Applied Mathematics**: Mathematical simulation and modeling for solving practical engineering problems in transport systems and mechanical engineering.
- **Quality & Metrology**: Quality management systems, accreditation of testing laboratories, conformity assessment bodies, standardization, and metrological certification.
- **Academic & Professional Development**: Organization of scientific activity, competency development, and advanced training for transport, civil engineering, and mechanical engineering specialists.
- **Post-War Reconstruction**: Strategy and practical aspects.

Speaker Guidelines & Terms of Participation:

- **Presentation Time**: 7 to 10 minutes (up to 15 for the plenary session).
- **Simultaneous translation (English/Ukrainian)**.
- **Cost**: Participation, Certificate, and publications are **FREE of charge**.
- **Publications**: The Conference Collection of Abstracts (with DOI assignment). Authors may also optionally publish a peer-reviewed article in a professional scientific journal (available in English or Ukrainian).

Registration: online at https://insat.org.ua/eng/nav/tkt/conference_2026/ or via e-mail: conference.insat@gmail.com

Key Dates for preparing for the conference:

- Participant Registration Deadline: **November 2, 2026**
- Distribution of Invitations, Programme, and Agenda: **November 9, 2026**
- Abstract Submission Deadline (for the Conference Proceedings): **December 18, 2026**
- Technical Setup & Connectivity Testing with Participants: **November 20 – 24, 2026**

Publication of Conference Outputs:

- ✓ Following the event, the official Conference Proceedings (Collection of Abstracts and Papers) will be published in digital PDF format. This publication will include indexing in international scientometric databases.
- ✓ Participants are also granted the right to include, free of charge, information from their organizations regarding opportunities and needs in scientific and technical cooperation in the conference materials.

Organizing committee's contacts: conference.insat@gmail.com

Registration and publication issues, operational communication:
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