

# NEW HORIZONS 2025

## X International Scientific Conference of Transport and Communications – TransportaCom

Faculty of Transport and Traffic Engineering Doboj, University of East Sarajevo



05-08.11.2025.



Faculty of Transport and Traffic Engineering Doboj, Vojvode Mišića 52,  
74000 Doboj



The selected papers of the conference will be published in the **Lecture Notes in Intelligent Transportation and Infrastructure**, which is indexed by *Clarivate Analytics (Web of Science: Conference Proceedings)* and *SCOPUS*

The selected papers in extended versions will be recommended for publication in SCOPUS indexed journals:



**International Journal of Transport Development and Integration (IJTDI)**



**Ingegneria Ferroviaria**

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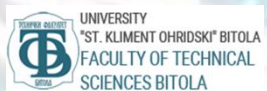
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**International Society of Fuzzy Set Extensions and Applications (ISFSEA)**



**This Conference is supported by the European Platform of Transport Sciences**

**The conference will be held in a hybrid format: Physical (in-person) and online participation.**

**Dear Colleagues, Partners and Guests**

It is our distinct pleasure to invite you to attend the X international conference of the first category NEW HORIZONS of Transport and Communications 2025 - TransportaCom. The Conference will be held on November 05-08, 2025 in Dobo, Republic of Srpska, Bosnia and Herzegovina, at the Faculty of Transport and Traffic Engineering, University of East Sarajevo. This year's conference is very special for us because we celebrate 20th anniversary (the conference is held biennially). Throughout the previous period, we worked hard in order to make our conference great and recognizable in the region. Accordingly, the conference attendees will have the chance to present their work on current hot and most important topics presented below.



## **LIST OF CONFERENCE TOPICS**

### **Road Transport and Traffic**

Traffic planning and design  
Road traffic management  
Road traffic safety  
Road infrastructure  
Sustainable transport and urban mobility  
Transport policy and strategy  
Maintenance and exploitation of vehicles in road traffic

### **Railway Transport**

Railway transport systems  
Advanced railway technologies  
Railway transport infrastructure, planning and design  
Modelling and simulation of railway transport  
Transport policy and strategy  
Energy efficiency and rail electrification

### **Logistics and supply chain management**

City logistics  
Intermodal transport, logistics centres and freight terminals  
Green logistics and green supply chain management  
Analysis of handling, and storage processes  
Smart logistics, innovations in transport and logistics  
Humanitarian logistics  
Performance measures and efficiency analysis in logistics systems  
Reverse logistics and closed-loop supply chains

### **Maritime Transport**

Green shipping  
Unmanned vehicles  
Sustainability of maritime transport  
Navigation and maritime communication  
Ships and their systems  
Offshore units  
Smart port technologies

### **Transport of dangerous goods**

Regulations on the transport of dangerous goods  
Receipt and dispatch of dangerous substances  
Handling and storage of dangerous goods  
Risk management in transport of dangerous goods  
Hazardous waste management

### **Information and communication technologies**

Machine learning and artificial intelligence in transport  
Autonomous vehicles and systems  
Internet of things  
Digitalization of transport  
Industry 4.0  
Intelligent transport systems  
V2X communication

### **Telecommunication traffic and networks**

Telecommunication traffic management  
Telecommunications market analysis and modelling  
Telecommunications network and service optimization  
Teletraffic engineering  
Quality of Service  
Quality of Experience  
Wireless networks and services  
Optical networking

### **Postal traffic and networks**

Postal traffic regulation and marketing  
Postal traffic management  
Postal market analysis and modelling  
Postal network and service optimization  
Energy efficiency in postal systems  
Postal service quality  
E-commerce

### **Operations research in transport**

Measuring transport efficiency  
Fuzzy logic in transport  
Decision-making models in transport  
Application of mathematical programming in transport  
Queueing theory in transport and traffic

## **IMPORTANT DATES**

PAPER SUBMISSION DEADLINE	01.07.2025
NOTIFICATION TO AUTHORS	05.08.2025
FINAL PAPER SUBMISSION DEADLINE	20.08.2025
CONFERENCE FEE PAYMENT DEADLINE	15.09.2025



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## **PLENARY SPEAKERS**

### **Investigating Impacts of Connected Vehicle Communications in Multimodal Environment through High-Fidelity Virtual Reality Modeling**

Dr. **Aleksandar Stevanović**, University of Pittsburgh, Civil and Environmental Engineering, **USA**

### **Maas Personalization: Making public transport more convenient for everyone**

Prof. **Irina Jackiva**, Transport and Telecommunication Institute, Engineering Faculty, **Latvia**



# Structural Digital Twins for Vehicles and Infrastructure: Technology Review and Contributions to Safety

Prof. **Georgios Stavroulakis**, Technical University of Crete, School of Production Engineering and Management, **Greece**

## PAPER SUBMISSION

- The Conference Programme Committee has the honor to invite you to submit your abstracts and full papers using [OpenConf](#).
- Authors are invited to submit papers with a length of 6-10 pages in **English language** which is the official language of the scientific conference.
- All submitted papers are subject to the peer review process. At least two reviewers will be assigned to review each paper.
- Each author may submit no more than two papers.
- Each paper must be presented at the conference in order to be published in Proceedings, either live or online.
- **Best Paper Awards** - The purpose of the Best Paper Award is to recognize and promote quality contributions to academic research and writing among scholars. The Program Committee will make a selection of nine best papers, one per each section. The author of an awarded paper, and co-authors if any, will be entitled to:

A signed and stamped official award certificate with the name of the award, the name of the paper, and the names of the authors of the paper.

**It's free of charge to publish the selected best papers in Lecture Notes in Intelligent Transportation and Infrastructure.**

## CONFERENCE FEES

	Fee for domestic authors	200 BAM
	Fee for foreign authors	150 EUR
	Fee for authors from co-organizer's institutions	100 EUR
	Fee for online presented papers	100 EUR
	Fee for PhD students	80 EUR
	Fee for participants without paper	50 EUR (100 BAM)
	Fee for students I and II cycle of study	free of charge

Fee includes: attendance of all authors/ co-authors to all conference sessions, publishing of the paper in electronic format, coffee breaks, printed conference program, certificate, and gala dinner.

Only if more than half authors are from the University of East Sarajevo the paper will be free of charge.

– A PhD student must be the first author to be eligible for the PhD student fee of 80 EUR.

– Participants without the paper are welcome to register. The fee for them doesn't include gala dinner. In case you would like to attend the gala dinner it is necessary to pay an additional fee.

- Publishing the selected papers in SPRINGER will require an additional fee of 150 euros.
- Members of the Program Committee and reviewers can apply for reduced fees.



In accordance with the Conference policy, only papers presented during the Conference, whether in-person or online, will be considered for publication. Papers not presented will not be included in the Conference Proceedings.

If you have any questions, please contact us [novihorizonti@sf.ues.rs.ba](mailto:novihorizonti@sf.ues.rs.ba)

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