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)



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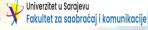


















IETA International Information and



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MCKV Institute of Engineering, India

International Information and Engineering Technology Association (IIETA), Canada

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 Doboj, 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

IMPORTANT DATES

Papers for <u>Springer Proceedings</u>
PAPER SUBMISSION DEADLINE <u>01.07.2025</u>
20.07.2025

NOTIFICATION TO AUTHORS

05.08.2025

REVISED PAPER SUBMISSION DEADLINE

20.08.2025

CONFERENCE FEE PAYMENT DEADLINE

15.09.2025

Papers for Proceedings
PAPER SUBMISSION DEADLINE
05.09.2025

NOTIFICATION TO AUTHORS

20.09.2025

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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 <u>OpenConf</u>.
- 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 coauthors 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.

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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

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