



IX International Symposium

# NEW HORIZONS 2023

*of transport and communications*

**24-25 November**



ORGANIZER	CO-ORGANIZERS
<b>Faculty of Transport and Traffic Engineering Doboj</b> University of East Sarajevo	<b>Faculty of Transport and Traffic Engineering</b> , University of Belgrade
	<b>Faculty of Technical Sciences</b> , University of Novi Sad
	<b>Faculty of Technical Sciences Bitola</b> , University of St. Kliment Ohridski
	<b>Faculty of Transport and Communications</b> , University of Sarajevo

It is our distinct pleasure to invite you to attend the IX international conference of the first category ‘**NEW HORIZONS of Transport and Communications 2023**’. The Conference will be held on November 24-25, 2023 in Doboj, Republic of Srpska, Bosnia and Herzegovina, at the Faculty of Transport and Traffic Engineering, University of East Sarajevo.

This year, the conference completes its 18th anniversary. Throughout the previous period, we were constantly growing and developing in order to reach the current level, which guarantees us recognition in the region. Accordingly, the conference attendees will have the chance to present their work on current traffic policies, sustainability, urban mobility and development strategies in the field of transport and traffic engineering, examples of good practice worldwide, solutions of respective problems in transport, scientific results, new models of technologies and other achievements.

## PROGRAM COMMITTEE

*Alphabetically:*

Jiří AMBROS	Transport Research Centre	Czech Republic
Boris ANTIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Ibrahim Ahmed BADI	University of Misurata, Department of Mechanical Engineering	Libya
Milan BANIC	University of Niš, Faculty of Mechanical Engineering	Serbia
Milorad BANJANIN	University of Novi Sad, Faculty of Technical Sciences	Serbia
Ivan BELOŠEVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Vuk BOGDANOVIĆ	University of Novi Sad, Faculty of Technical Sciences	Serbia
Nebojša BOJOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Branislav BOŠKOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Ranko BOŽIČKOVIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Mirjana BUGARINOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Zoran ČURGUZ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Slavko ĐURIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Tihomir ĐURIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Hamed FAZLOLLAHTABAR	University of Science and Technology Babol, Department of Industrial Engineering	Iran
Draženko GLAVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Miloš IVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Dragoslav JANOŠEVIĆ	University of Niš, Faculty of Mechanical Engineering	Serbia
Goran JAUŠEVAC	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Gordana JOTANOVIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Dragan JOVANOVIĆ	University of Novi Sad, Faculty of Technical Sciences	Serbia
Predrag JOVANOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Jadranka JOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Pavle KECMAN	Allianz	The Netherlands
Nikola KRSTANOSKI	University of St. Kliment Ohridski, Faculty of Technical Sciences Bitola	Macedonia
Miroslav KOSTADINOVIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Krsto LIPOVAC	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Bojan MARIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Dejan MARKOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Goran MARKOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Peter MARTON	University of Žilina, Faculty of Management Science and Informatics	Slovakia
Boško MATOVIĆ	University of Montenegro, Faculty of Mechanical Engineering	Montenegro
Suzana MILADIĆ - TESIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Sanjin MILINKOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Miloš MILOŠEVIĆ	University of Niš, Faculty of Mechanical Engineering	Serbia
Milan MILOTIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Petar MIROSAVLJEVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Dušan MLADENOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Snežana MLADENOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Norbert PAVLOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Dragan PERAKOVIĆ	University of Zagreb, Faculty of Transport and Traffic Sciences	Croatia
Dalibor PEŠIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Goran PETROVIĆ	University of Niš, Faculty of Mechanical Engineering	Serbia
Đorđe POPOVIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Miloš PLJAKIĆ	Faculty of Technical Sciences, Kosovska Mitrovica	Serbia
Andreas SCHÖBEL	Vienna University of Technology, Institute of Transportation	Austria
Marko SLAVULJ	University of Zagreb, Faculty of Transport and Traffic Sciences	Croatia
Siniša SREMAC	University of Novi Sad, Faculty of Technical Sciences	Serbia
Dušan STAMENKOVIĆ	University of Niš, Faculty of Mechanical Engineering	Serbia
Aleksandar STEVANOVIĆ	University of Pittsburgh, Civil and Environmental Engineering	USA
Aleksandar STJEPANOVIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Gordan STOJIĆ	University of Novi Sad, Faculty of Technical Sciences	Serbia
Marko SUBOTIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Marko ŠEVROVIĆ	University of Zagreb, Faculty of Transport and Traffic Sciences	Croatia

Snežana TADIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Ilija TANACKOV	University of Novi Sad, Faculty of Technical Sciences	Serbia
Slaven TICA	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Marko VASILJEVIĆ	University of East Sarajevo, Faculty of Transport and Traffic Engineering Doboj	Bosnia and Herzegovina
Slavko VESKOVIĆ	University of Belgrade, Faculty of Transport and Traffic Engineering	Serbia
Milan VUJANIĆ	Adriatic University Bar, Faculty of Traffic, Communications and Logistics Budva	Montenegro
Jianhong WU	Beijing Jiaotong University, School of Economics and Management	China
George YANNIS	National Technical University of Athens	Greece
Milan ZLATKOVIĆ	University of Wyoming, Department of Civil and Architectural Engineering	USA

## ► ORGANIZING COMMITTEE

Bojan MARIĆ, chair  
 Mirko STOJČIĆ, co-chair  
 Ratko ĐURIČIĆ  
 Marko VASILJEVIĆ  
 Aleksandar STJEPANOVIĆ  
 Tanja PETROVIĆ  
 Vladimir MALČIĆ,  
 Goran KUZMIĆ  
 Sanja SIMIĆ  
 Milan EREMIJA  
 Željko VIDOVIĆ

## ► TOPICS

- Transport policy and strategy
- Sustainable transport and urban mobility
- Traffic safety
- Traffic infrastructure and regulation
- Transport of people and goods
- Vehicles
- Transport logistics
- Telecommunication traffic and networks
- Postal traffic and networks
- Information and communication technologies and traffic
- Smart cities

## ► IMPORTANT DATES

- 21.05.2023. - abstract submission deadline
- 01.09.2023. - paper submission deadline
- 15.09.2023. - notification to authors
- 15.10.2023. - final paper submission deadline
- 25.10.2023. - conference fee deadline
- 10.11.2023. - conference programme

## ► LANGUAGES: English, Serbian and other BH languages

## ► PAPER SUBMISSION



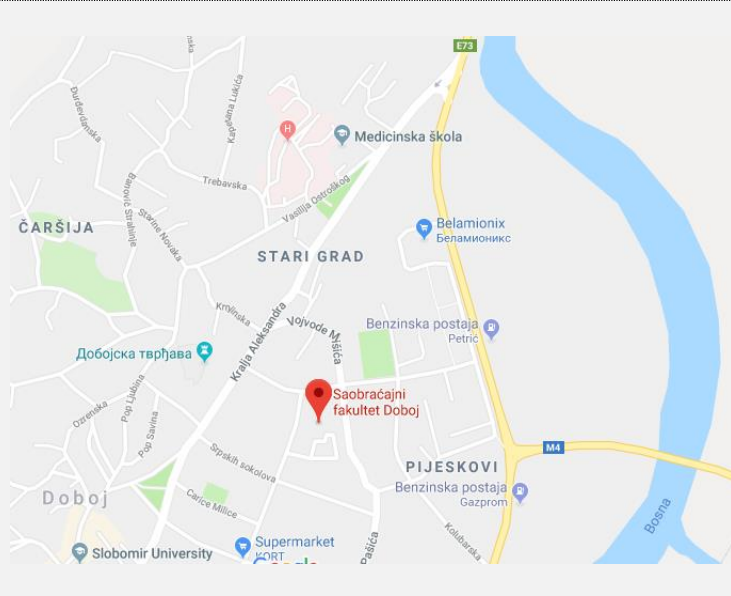
- The Conference Programme Committee has the honour to invite you to submit papers.
- All information on process of submitting papers will be available on the Conference website and Second call.
- Authors are invited to submit papers with a maximum length of 10 pages.
- All submitted papers are subject to a double-blind peer review process.
- Each author may submit no more than two papers.
- Best papers will be published in the journal 'PUT I SAOBRAĆAJ', DOI registered in these bases (DOAJ, KoBSON, IndexCopernicus, Google Scholar, CrossRef, doiSerbia).

## ► CONFERENCE FEE

- Fee per paper 120 BAM (60€)
- Accommodation is not included in the conference fee.
- Students do not pay conference fee for their papers.

## ► CONTACT

For all questions about the conference please feel free to contact organizing committee at:

  <p><b>Faculty of Transport and Traffic Engineering Doboј</b> University of East Sarajevo</p>	
<p>Address: Vojvode Mišića 52 74000 Doboј, Republic of Srpska, Bosnia and Herzegovina</p>	
<p>Tel: +387 65 792 845 +387 66 152 622 Fax: +387 53 200 103 Web: <a href="http://novihorizonti.sf.ues.rs.ba/">http://novihorizonti.sf.ues.rs.ba/</a> E-mail: <a href="mailto:novihorizonti@sf.ues.rs.ba">novihorizonti@sf.ues.rs.ba</a></p>	