

PREFACE

TRANSCOM 2023: 15th International Scientific Conference on Sustainable, Modern and Safe Transport aimed at establishing and expanding international contacts and cooperation. The main purpose of the conference is to offer young scientists an encouraging and stimulating environment in which they can present the results of their research to the scientific community. TRANSCOM has been organized regularly every other/second? year since 1995. Between 160 and 400 young researchers and scientists participate regularly in this event. The conference is organized for PhD students and young scientists up to the age of 35 and their tutors. Young workers are expected to present the results they have achieved.

Topics of TRANSCOM 2023 are focused on transportation in these areas:

- Operation and Economics in Transport
- Mechanical Engineering in Transport
- Electrical Engineering in Transport
- Civil Engineering in Transport
- Management Science and Informatics in Transport
- Safety and Security Engineering in Transport
- Travel and Tourism Studies in Transport Development

The conference is organized by the University of Žilina. At this time, more than 7,400 of its students are being educated at seven faculties in 169 accredited fields of study in all forms and degrees/levels of university studies. In its over 70 years of successful existence, it has become the alma mater for almost 90,000 graduates, highly skilled professionals specializing mostly/predominantly in transport and technical fields as well as in management, marketing, or humanities. The quality and readiness of our graduates for the needs of practice are proven by long-term high interest in hiring them by employers that cooperate with the University in the recruitment process. For more details, see www.uniza.sk.

The 15th international scientific conference of PhD students and young scientists on sustainable, modern, and safe transport TRANSCOM 2023 was held under the auspices of Prof. Ing. Ján Čelko, CSc., Rector of the University of Žilina.

This TRANSCOM 2023 was held from 29 to 31 May 2023 in Mikulov, Czech Republic and 206 papers were presented by scientific researchers and PhD students at this conference.

The full papers will be published in Elsevier – in the Procedia entitled Transportation Research Procedia.

Guest editors

- Professor Milan Dado - Faculty of Electrical Engineering and Information Technology - University of Žilina, Slovak Republic
- Professor Mario Guagliano - Department of Mechanics – Politecnico di Milano, Italy

All papers were reviewed by two reviewers.

The official language of the conference: English