Procedure for preparing conference materials

The texts of the abstracts should be typed in Microsoft Word (main text – Times New Roman, 12 pt, line spacing 1.0), according to the following requirements:

1. The abstracts should be informative and should be full 1-3 pages of A4 format. The Organizing Committee accepts no more than two abstracts from a co-author. The number of co-authors is no more than three.

2. Abstracts should be prepared in Ukrainian (for foreign participants – in English).

3. Headings. The order of the material is as follows (each block should be printed after skipping one line): UDC number (left, capital letters, bold); title of the abstract in Ukrainian (middle, capital letters, regular); name (full) and surname of the author or co-authors (in the middle, lowercase, comma separated, bold); name of the organization and full mailing address (in two lines, in the middle, lowercase, italics); abstract in English (from the paragraph, italics, up to five lines); abstract in Ukrainian (from the paragraph, normal).

4. Page margins: top – 2.5 cm, left, bottom, right – 2 cm.

5. Figures and graphs in the article should be inserted across the page, depending on the size. Figure titles are Times New Roman, 10 pt, italics. All figures and graphs should be made as separate objects with sizes that correspond to the page parameters. Figures are signed and numbered (if there is more than one) below the figure, in the center of the text (abbreviation: Fig. number). Figures in *.tif, *.psd, *.jpg formats (resolution not less than 300 dpi) are imported into a Word file. Black-and-white drawings created in Excel, Visio Drawing, WordPad, CoreIDRAW are imported into a Word file.

6. Tables are presented as separate objects in MS Excel or MS Word format. The table is assigned a number with a title (centered, italics) 10 pt. The main text of the table is presented in 10 pt.

7. Formulas are presented in the format Equation 3-5, aligned in the center of the text and numbered in parentheses on the right edge. Font by definition of MS Word: regular – 11 pt, large index – 9 pt, small index – 7 pt, large character – 18 pt, small character – 11 pt.

8. Literature: Times New Roman, 11 pt, italics.

9. File names on electronic media should contain the name of the author (first co-author).

IMPORTANT DATES

May 09, 2025 – the deadline for accepting applications for participation in the conference and electronic materials of abstracts for participation in the conference (by filling out a Google form or sending to the e-mail of the organizing committee)

May 15, 2025 (Thursday)

 $10:00\,-\,12:00\,-$ opening of the online conference and the first plenary session;

14:00 - 17:00 - the second plenary session;

May 16, 2025 (Friday)

10:00 – 16:00 – the third plenary session and panel discussions; 16:00 – 17:00 – summarizing and closing the online conference.

The link to the video conference will be sent to the participants after receiving the abstracts.

Conference topics:

·development of the complex of technical means for the development and efficient transport systems elements usage;

·patterns of demand for transport services;

·formation of freight and passenger flows;

·methods, technologies and technical means in the field of transport;

·efficiency and management of transport systems development;

·transport logistics and management;

·interaction of different modes of transport;

·transport planning of urbanized spaces, complex schemes of transport; ·traffic flows and traffic management systems;

 $\cdot traffic \ safety \ and \ environmental \ characteristics \ of \ traffic \ flow;$

·psychophysiological bases and reliability of the driver's work.

Working languages of the conference: Ukrainian, English Conference fee:

• the publication of abstracts in the conference proceedings is free of charge for conference participants;

• publication of the article in the English-language journal "Transport Technologies" is free of charge.

The conference proceedings will be sent to the participants by e-mail, which was specified in the application form.

List of materials to be sent:

application for participation in the conference (by filling out a Google form);

abstracts - full one, two or three pages.

The application for participation in the International Scientific – Practical Conference "Transport Systems and Technologies" should be sent by filling out the Google Form at the link:

https://docs.google.com/forms/d/e/1FAIpQLSd9IrIr1uSJkIfRbH8k9grXiU2Hjf7hPNwYzbImkOIA51Hlw/viewform?usp=dialog



MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE LVIV POLYTECHNIC NATIONAL UNIVERSITY



INTERNATIONAL SCIENTIFIC – PRACTICAL CONFERENCE

TRANSPORT SYSTEMS AND TECHNOLOGIES

INVITATION TO THE ONLINE CONFERENCE

May 15-16, 2025 Lviv

PROGRAM COMMITTEE

Chairman of the Program Committee

Vitalii Volodymyrovych Kovalchuk – Doctor of Technical Sciences, Professor, Professor of the Department of Railway Transport, Lviv Polytechnic National University Deputy Chairman of the Program Committee

Yevhen Yulianovych Fornalchyk – Doctor of Technical Sciences, Professor, Professor of the Department of Transport Technologies, Lviv Polytechnic National University

Members of the Program Committee:

Viktor Viktorovych Bilichenko – Doctor of Technical Sciences, Professor, Rector of Vinnytsia National Technical University (by agreement)

Volodymyr Oleksiiovych Vdovychenko – Doctor of Technical Sciences, Professor, Professor of the Department of Transport Technologies, Kharkiv National Automobile and Highway University (by agreement)

Ihor Andriiovych Vikovych – Doctor of Technical Sciences, Professor, Professor of the Department of Transport Technologies, Lviv Polytechnic National University

Petro Fedorovych Horbachov – Doctor of Technical Sciences, Professor, Head of the Department of Transport Systems and Logistics, Kharkiv National Automobile and Highway University (by agreement)

Volodymyr Vitaliiovych Kalchenko – Doctor of Technical Sciences, Professor, Professor of the Department of Motor Transport and Industrial Engineering, Chernihiv Polytechnic National University (by agreement)

Dmytro Mykolaiovych Kozachenko – Doctor of Technical Sciences, Professor, Professor of the Department of Operational Work Management, Ukrainian State University of Science and Technologies (by agreement)

Oleksii Feliksovych Kuzkin – Doctor of Technical Sciences, Professor, Dean of the Faculty of Transport, Zaporizhzhia Polytechnic National University (by agreement)

Aliona Mykhailivna Leshchenko – Doctor of Philosophy, Professor, Professor of the Department of Social and Humanitarian Disciplines and Innovative Pedagogy, Director of the Science Park, Kherson State Maritime Academy (by agreement)

Yurii Anatoliiovych Monastyrskyi – Doctor of Technical Sciences, Professor, Head of the Department of Motor Transport, Kryvyi Rih National University (by agreement)

Ihor Serhiiovych Murovanyi – Ph.D. in Technical Sciences, Associate Professor, Dean of the Faculty of Transport and Mechanical Engineering, Lutsk National Technical University (by agreement)

Ivan Vasylovych Pasnak – Ph.D. in Technical Sciences, Associate Professor of the Department of Vehicle Operation and Fire-Rescue Equipment, Lviv State University of Life Safety (by agreement)

Serhii Mykolaiovych Turpak – Doctor of Technical Sciences, Professor, Head of the Department of Transport Technologies, Zaporizhzhia Polytechnic National University (by agreement) Nataliia Yuriiivna Shramenko – Doctor of Technical Sciences, Professor, Professor of the Department of Transport Technologies, Lviv Polytechnic National University

Artem Valeriiovych Shcherbak – Director of the Lviv Scientific Research Institute of Forensic Examinations, Ministry of Justice of Ukraine (by agreement)

Andrii Simanenkov – Ph.D., Technical Specialist in Electrical Engineering, Maersk Container Shipping (Denmark) (by agreement) Andrej Suchanek – Associate Professor of the Department of Lifting and Transport Machines, University of Žilina (Žilina, Slovakia) (by agreement)

Vasyl Mateichyk – Professor of the Department of Engineering of Technical Systems, Rzeszow University of Technology (Rzeszów, Poland) (by agreement)

Vilma Locaitienė – Head of the Department of Port Engineering, Vilnius Gediminas Technical University (Vilnius, Lithuania) (by agreement)

Dmytro Makarchuk – Captain, Senior Lecturer of the Department of Ship Handling, Solent University (Southampton, UK) (by agreement) Jonathan Ridley – Deputy Vice-Chancellor for Education and Partnerships, Solent University (Southampton, UK) (by agreement) Zakirul Bhuiyan – Captain, Associate Professor of the Department of Maritime Simulation and Autonomy, Solent University (Southampton, UK) (by agreement)

Mirosław Śmieszek – Head of the Department of Engineering of Technical Systems, Rzeszow University of Technology (Rzeszów, Poland) (by agreement)

Oleksandr Kravchenko – Professor of the Department of Lifting and Transport Machines, University of Žilina (Žilina, Slovakia) (by agreement)

Aleksander Sładkowski – Head of the Department of Logistics and Industrial Transport, Silesian University of Technology (Katowice, Poland) (by agreement)

Rima Mickienė – Vice Dean for Education, Alumni and Partnerships, Lithuanian Maritime Academy, Vilnius Gediminas Technical University (Klaipeda, Lithuania) (by agreement)

Steven Travis Waller – Professor, Head of the Department of Transport Modelling and Simulation, Technical University of Dresden (Dresden, Germany), Professor of the Australian National University (Canberra, Australia) (by agreement)

Jozef Harusinec – Associate Professor of the Department of Lifting and Transport Machines, University of Žilina (Žilina, Slovakia) (by agreement)

Juraj Gerlici – Professor, Head of the Department of Lifting and Transport Machines, University of Žilina (Žilina, Slovakia) (by agreement)

Justas Žaglinskis – Vice Dean for Research and Infrastructure, Vilnius Gediminas Technical University (Vilnius, Lithuania) (by agreement)

ORGANIZING COMMITTEE

Chairman of the Organizing Committee

Yurii Yaroslavovych Roiko – Ph.D. in Technical Sciences, Associate Professor, Head of the Department of Transport Technologies, Lviv Polytechnic National University

Deputy Chairman of the Organizing Committee

Taras Mykolaiovych Postranskyi – Ph.D. in Technical Sciences, Associate Professor, Department of Transport Technologies, Lviv Polytechnic National University

Members of the Organizing Committee:

Mykola Vasylovych Boikiv – Ph.D. in Technical Sciences, Associate Professor, Deputy Director for Educational and Scientific Work, Institute of Mechanical Engineering and Transport, Lviv Polytechnic National University

Maksym Oleksandrovych Afonin – Ph.D. in Technical Sciences, Associate Professor, Department of Transport Technologies, Lviv Polytechnic National University

Romana Romanivna Bura – Doctor of Philosophy, Associate Professor, Department of Transport Technologies, Lviv Polytechnic National University

Oleh Mykhailovych Vozniak – Ph.D. in Technical Sciences, Associate Professor, Department of Transport Technologies, Lviv Polytechnic National University

Yuliia Mykolaivna Hermaniuk – Ph.D. in Technical Sciences, Associate Professor, Department of Transport Technologies, Lviv Polytechnic National University

Oleh Mykhailovych Hrytsun – Ph.D. in Technical Sciences, Associate Professor, Department of Transport Technologies, Lviv Polytechnic National University

Address of the Organizing Committee

Lviv Polytechnic National University, Institute of Mechanical Engineering and Transport (IMET), Department of Transport Technologies

Stepana Bandery St., 32, room. 316, 79013 Lviv, Ukraine tel: (032) 258-24-89; (032)258-26-59 e-mail: <u>tt.dept@lpnu.ua</u>

Publication of conference materials

An electronic collection of abstracts is published based on the results of the conference. The authors are responsible for the content of the materials.

Publication of articles

Those interested can publish a separately prepared scientific article in the English-language journal Transport Technologies. Its publication is scheduled for December 2025. The length of the article is 10-15 pages, prepared in accordance with the requirements.

More information about the journal is available here: <u>https://science.lpnu.ua/tt/instructions-authors</u>