CONFERENCE MATERIALS

Accepted materials will be published in the conference collection of abstracts of the conference, which will be posted on the <u>conference website</u>.

If desired, the participants of the conference can submit an article in the original language for publication in the collection of scientific works of UkrSURT and the Journal "Information and control systems on railway transport" (included in the list of specialized publications of the Ministry of Education and Culture of Ukraine and scient metric databases Index Copernicus, Google Scholar and others). Rules for writing articles are given on the websites <u>https://kart.edu.ua/unit/zbirnik-ukrsurt</u> and <u>https://kart.edu.ua/unit/zbirnik-ukrsurt</u>.

SUBMISSION OF THE CONFERENCE PAPER

For publication, participants should submit their papers to the Conference Secretariat **before November 20, 2023**. The papers should not exceed two pages in formats **Surname.doc** and **Surname.pdf** in one of the languages of the conference (Ukrainian, English).

Text materials should be written using Microsoft Office Word for Windows, 14 pt font size, Times New Roman font, single line spacing, 7-mm indention, and built-in editor for formulas. Top, bottom, left and right margins should be 20 mm each.

The authors are responsible for the content of the thesis. **Structure:**

1. UDC is printed in capital letters, bold

2. The title of the paper (with bold capital letters).

3. The authors (scientific ranks, initials, surname with bold italic).

4. The name of the organization (city) they represent (with italic).

5. The body of the paper.

6. List of links, text font 10 pt, typeface - Times New Roman, without indentation

In order to register for the 4th International Scientific and Technical Conference "Intelligent Transport Technologies", you need to fill out the registration form by November 20, 2023, which is available on the <u>conference website</u>, and send it to the address of the organizing committee <u>itt@kart.edu.ua</u> to register for participation in the conference. Abstracts of the

report should also be sent to the e-mail of the conference organizing committee at <u>itt@kart.edu.ua</u>.

Participation fee

Participation in the ITT 2023 conference is free of charge and includes the publication of abstracts of reports in the collection of conference materials and an electronic certificate of the participant (30 hours / 1,0 credits ECTS).

CONFERENCE PARTNERS





UNIWERSYTET TECHNOLOGICZNO HUMANISTYCZNY im. Kazimierza Pułaskiego w Radomiu





CONFERENCE CONTACTS

Address: 7, Feuerbach Square, Kharkiv, Ukraine Telephone: +38 (057) 730-10-89, +38 (093) 062-02-36 E-mail: <u>itt@kart.edu.ua</u> Web-site

UKRAINIAN STATE UNIVERSITY OF RAILWAY TRANSPORT

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

MINISTRY FOR RESTORATION COMMUNITIES, TERRITORIES AND INFRASTRUCTURE DEVELOPMENT OF UKRAINE

JSC «UKRAINIAN RAILWAY»

ASSOCIATION OF TECHNOLOGISTS -MACHINE BUILDERS OF UKRAINE

CONSERVATOIRE NATIONAL DES ARTS ET MÉTIERS

POZNAN UNIVERSITY OF TECHNOLOGY

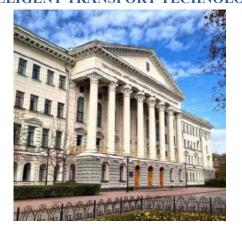
SCIENTIFIC INSTITUTION TRANSPORTA AKADĒMIJA, RIGA

KAZIMIERZ PULASKI UNIVERSITY OF TECHNOLOGY AND HUMANITIES IN RADOM

VILNIUS GEDIMINAS TECHNICAL UNIVERSITY

UNIVERSITY OF LIFE SCIENCES IN LUBLIN

invite you to take part in the work of 4th International Scientific and Technical Conference «INTELLIGENT TRANSPORT TECHNOLOGIES»



Kharkiv, November 27-28, 2023.



Dear Colleague!

Ukrainian State University of Railway Transport, Ministry of Education and Science of Ukraine, Ministry for restoration communities, territories and infrastructure development of Ukraine, JSC «Ukrainian Railway», Association of Technologists - Machine Builders of Ukraine, Conservatoire national des arts et métiers, Poznan University of Technology, Scientific institution Transporta akadēmija (Riga), Kazimierz Pulaski University of Technology and Humanities in Radom, University of Life Sciences in Lublin, Vilnius Gediminas Technical University invite you to take part in the work of 4th International Scientific and Technical Conference «Intelligent Transport Technologies», which will take place on November 27-28, 2023 online.

The conference is aimed at the intellectualization of digital technologies, systematic management of transport units, exchange of experience, expansion of international cooperation, introduction of advanced research methods.

CONFERENCE ORGANIZING COMMITTEE

Chair - Sergiv Panchenko, D.Sc. (Tech), Prof., Rector of UkrSURT, Kharkiv;

Co-chair - Vitaliy Kriuchkov, Phd in Sci. (Econ), Director of the Department of Transportation Technology of JSC "Ukrzaliznytsia", Kyiv;

Co-chair - Sergiy Klymenko, D.Sc. (Tech), Prof., V. Bakul Institute for Superhard Materials, Kyiv;

Co-chair - Mareks Mezitis, Dr.Sc. (Ing), Head of Scientific Institution Transport Academy, Riga, Latvia;

Co-chair - Franciszek Tomaszewski, Prof., Dr. hab. inz, Poznan University of Technology, Poland;

Co-chair – Thierry Horsin, Professor (Professor in Mathematics / Director of the Mathematics and Statistics Department). Conservatoire national des arts et métiers. France:

Co-chair – Artut Kagramanian – PhD in Sci. Eng., Assoc. Prof., Vice-Rector for Scientific and Educational Work, UkrSURT, Kharkiv:

Co-chair - Tetiana Butko, D.Sc. (Tech), Prof., Head of Departmen of «Operational Work Management», UkrSURT, Kharkiv.

Section "The Development of Intellectual Technologies in the Process of Transport Systems Management"

Andrii Prokhorchenko – D.Sc. (Tech), Prof., UkrSURT, Kharkiv:

Markus Lagler - Univ.Ass. Dipl.-Ing. BA BSc Technische Universität Wien: Vienna, Austria: Keshav Dahal - Prof., School of Computing, Engineering and Physical Sciences, UWS, Glasgow, Scotland, UK; Valerii Samsonkin - D.Sc. (Tech), Prof., DUIT, Kviv; Julia Koskina – D.Sc. (Tech), Prof., ONMU, Odessa; Yevhen Nahornyi - D.Sc. (Tech), Prof., KhNAHU, Kharkiv; Viacheslav Matsiuk - D.Sc. (Tech), Prof., NUBIP, Kyiv; Albina Kuzmenko – PhD in Sci. Eng., Assoc. Prof., UMSF, Dnipro

Section «Transport Systems and Logistics» **Denis Lomotko** – D.Sc. (Tech), Prof., UkrSURT, Kharkiv; Tomasz Perzyński - Dr hab. inż., Prof. UTH Rad (PhD. Eng., Associate Professor), Dean the Faculty of Transport, Electrical Engineering and Computer Science, Kazimierz Pulaski University of Technology and Humanities in Radom, Poland; Jerzy Wojciechowski - Dr hab. inż., Prof. UTH Rad (PhD. Eng., Associate Professor), Kazimierz Pulaski University of Technology and Humanities in Radom, Poland;

Peter Gorbachov – D.Sc. (Tech), Prof., KHNADU, Kharkiv; Dmvtro Kozachenko – D.Sc. (Tech), Prof., USUST, Dnipro; Oleksandr Lavrukhin - D.Sc. (Tech), Prof., UkrSURT, Kharkiv:

Anton Kovalev - PhD in Sci. Eng., Assoc. Prof., UkrSURT, Kharkiv

Section «Intellectual Engineering, Exploitation, and Services in Transport»

Oleksandr Ohar – D.Sc. (Tech), Prof., UkrSURT, Kharkiv; Mikhailo Babaiev – D.Sc. (Tech), Prof., UkrSURT, Kharkiv; Mykola Moroz – D.Sc. (Tech), Prof., Kremenchuk's Mykhailo Ostrohradskyi National University, Kremenchuk; Oleksandr Ustenko – D.Sc. (Tech), Prof., UkrSURT, Kharkiv; Volodymyr Puzyr – D.Sc. (Tech), Prof., UkrSURT, Kharkiv; Svitlana Sapronova – D.Sc. (Tech), Prof., SUIT, Kyiv; Gintautas Bureika - Dr., Professor of Department of Mobile Machinery and Railway Transport, Vilnius Gediminas Technical University (VILNIUS TECH), Lithuania; Maksym Kutsenko - PhD in Sci. Eng., Assoc. Prof., UkrSURT, Kharkiv;

Victor Myronenko – D.Sc. (Tech), Prof., SUIT, Kyiv;

Yurii Datsun - PhD in Sci. Eng., Assoc. Prof., UkrSURT, Kharkiv

Section «Functioning Materials and Technologies Used in the Process of Constructing and Reconstructing of the **Transport Details**»

Larisa Tymofeieva – D.Sc. (Tech), Prof., UkrSURT, Kharkiv:

Krzysiak Zbigniew – Dr. hab. inż., prof. uczelni, University of Life Sciences in Lublin, Poland;

Miroslaw Rucki – Prof. (PhD), Kazimierz Pulaski University of Technology and Humanities in Radom, Poland;

Tetiana Roik – D.Sc. (Tech), Prof., NTU of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute», Kyiv;

Diana Hlushkova – D.Sc. (Tech), Prof., KhNAHU, Kharkiv;

Vitaliy Vlasovets – D.Sc. (Tech), Prof., SBTU, Kharkiv; Vitaliy Dmytryk – D.Sc. (Tech), Prof., NTU «Kharkiv Politechnic Institute», Kharkiv;

Maryna Kopeykina – PhD in Sci. Eng., Leading Researcher, V. Bakul Institute for Superhard Materials, Kyiv; Edwin Hevorkian - D.Sc. (Tech), Prof., UkrSURT, Kharkiv

Conference Secretariat

Denis Konstantinov - PhD in Sci. Eng., Assoc. Prof., UkrSURT:

Larisa Parkhomenko - PhD in Sci. Eng., Assoc. Prof., UkrSURT:

Tetiana Golovko - PhD in Sci. Eng., Assoc. Prof., UkrSURT;

Victor Prokhorov - PhD in Sci. Eng., Assoc. Prof., **UkrSURT**

CONFERENCE CALENDAR

Acceptance of registration forms of participants, abstracts of reports: until November 20, 2023 **Plenary session:** November 27, 2023 at 10 o'clock Work in sections: November 27-28, 2023 **Conference form:** remote

