

## Dear colleagues!

We invite you to participate in the XIV International scientific-practical conference "Modern information and communication technologies in transport, industry and education", that will be held in the Dnipro National University of Railway Transport named after academician V. Lazaryan (DNURT) on **15 - 16 December 2020** (Dnipro, Ukraine)

**The conference program** includes the following sections:

- 1) the automated control systems on transport and industry;
- 2) the control systems for technological processes, microprocessor systems;
- 3) the intelligent information technologies on transport and industry;
- 4) the information technologies in education;
- 5) the information security.

The conference's aim is to bring together scientists, instructors, postgraduates, students and industry representatives to bring the scientific researches' results to the public; exchange scientific and practical experience; consider problems of the functioning and development prospects of the information technologies of transport, industry and education; activate research work; search gifted young people

### The working languages of the conference:

Ukrainian, Russian, English

### The timing of the conference

15 December 10.00 - 12.30 - the plenary session

15 December 13.00 - 17.00 - the work by the sections

16 December 9.00 - 17.00 - the work by the sections

The conference will be held online, links will be provided to participants by e-mail, and will be posted on the university website.

## The scientific committee

### Chairman

Pshinko A.N. - Sc.D, prof., rector of DNURT

### Vice-chairmans:

Radkevich A.V. - Sc.D, prof, vice-rector on scientific work, economic work, promising and innovative development of the DNURT

Skalozub V.V. - Sc.D, prof., dean of the CTS faculty of DNURT

### Members of the committee:

Alekseyev M.A. - Sc.D, prof., dean of the Information Technologies faculty of NMU (Dnipro)

Al-Haji G. – Department of Science and Technologies faculty (Linchopinsky University, Sweden)

Baskar A. - professor, of the Engineering and Environment faculty (Southampton University, England)

Bodnar B.E. - Sc.D, prof., main vice-rector of DNURT.

Vaychyunas G. - Sc.D, prof., (Vilnius Technical University of Gediminas, Lithuania)

Gavrilyuk V.I. - Sc.D, prof., head of the AT department of DNURT

Gromov G. - Sc. D, prof., head of the Department of Transportation and Logistics (Institute of Transport and Telecommunications, Latvia)

Dmitriev N.N. - Sc.D, prof., first vice-rector of NTU (Kiev)

Zhukovitsky I.V. - Sc.D, prof., head of the ECM department of DNURT

Zelencov D.G. - Sc.D, prof., head of the specialized computer systems department of USUCT

Zinenko O.L. - Ph.D., deputy head of the statistical management JSC "Ukrzaliznytsia"

Kiseleva E.M. - Sc.D, prof., dean of the Applied Mathematics faculty of DNU, Corresponding Member of the National Academy of Sciences of Ukraine

Kuznetsov V. - Sc.D, prof., Railway Research Institute (Poland)

Lakhno V. A. - Sc.D, prof., head of the Computer Systems and Networks department, NUBIP (Kyiv)

Negrei V.Y. - Sc.D, prof., vice-rector BelSUT (Gomel, Belarus)

Nikitchenko N.S. - Sc.D, prof., head of the theory and technology department of KNU of T. Shevchenko

Markov K. - Sc.D, prof., Institute of Information Theories and Applications (Bulgaria)

Pichugov S.A. - Sc.D, prof., head of the AM department of DNURT

Prikhodko S.I. - Sc.D, prof., vice-rector by scientific work of UkrUZhT

Sladkovsky A.V. - Sc.D, prof., head of the department Logistics and transport technologies (Silesian polytechnic, Katowice, Poland)

Chukhray A. G. . - Sc.D, prof., head of the Mathematical Modeling and Artificial Intelligence department, National Aerospace University - Kharkiv Aviation Institute

Shynkarenko V.I. - Sc.D, prof., head of the CIT department DNURT

**Theses of reports** will be published before the conference. Abstracts should be submitted in electronic format in 1 page of the WinWord editor. A4 paper size with margins: left - 22.5 mm, right - 22.5 mm, top - 20 mm and bottom - 30 mm, font is Times New Roman Cyr 12 pt, single interval between lines (12 pt).

The sequence of materials presentation in the theses: title of report (bold, 12 pt, uppercase and lowercase letters, centered alignment, spacing before a paragraph is 12 pt and after a paragraph is 6 pt ); the authors' surnames and initials, the organization full title, country (centered alignment, spacing before and after a paragraph is 6 pt); text of theses with justified alignment. Revised text (without edits) should not contain a bibliography, drawings and formulas if it's possible. Theses should almost entirely fill the page. Theses that do not meet these requirements will be rejected.

Request about your participation in the conference and theses of report, designed in accordance with the specified requirements, should be submitted to the Organizing Committee not later than **10 December 2020**

**Along with the theses, articles can be submitted for publication in the "Science and progress of transport. Herald of Dnipro National University of Railway Transport" journal (<http://stp.diit.edu.ua>), which are appropriate to its subjects and designed by the requirements of journal and HAC of Ukraine. (publication should be paid)**

**Articles must be submitted before the conference**, requirements for articles can be found on the website <http://stp.diit.edu.ua>

Additional information about the conference on the university website <http://www.diit.edu.ua>

**Conference fee** that is used to cover the conference expenses (the formation of conference materials, coffee breaks, etc.) needs to be paid till **10 December 2020**. The conference fee equals to **40 UAH** per one theses for participants from Ukraine and CIS countries or **200 UAH with printed version of conference materials included**.

For participants from other countries, who only sending thesis, conference fee is free (this include only electronic version of conference materials).

**Bank details for payment in UAH:**

Dnipro National University of Railway  
Transport named after Academician V. Lazaryan

EDRPOU 01116130,  
IPN 011161304633,

bank account UA47 820172 03132 21001204001363,  
bank of the state treasury service of Ukraine, Kiev,  
MFO 820172.

For participation in the conference "\_\_\_\_" Full name

**Phones for information:**

(056) 373 15 89 / +380 50 58 699 48

CIT department DNURT,

Demydovych Inna Nikolaivna

(056) 373 15 35 / +380 63 48 94 915

CIT department DNURT,

Shynkarenko Viktor Ivanovych

**The application for participation in the conference, theses are accepted at the link**

<https://forms.gle/uoFKtCs3xv5LgSSD7>

**An alternative is e-mail**

modernit.conf@gmail.com

**Application**

to participate in the International  
scientific-practical conference  
"MODERN INFORMATION AND  
COMMUNICATION TECHNOLOGIES IN  
TRANSPORT, INDUSTRY AND  
EDUCATION"

1. Surname, name
2. Position, academic degree, title
3. Organization (full title and abbreviation)
4. Mailing address
5. Phone, fax (with area code), e-mail
6. The section title
7. The report title (if planned)
8. The need to provide documents for payment of the conference fee (select required):

- agreement,
- account,
- certificate of completion.

**I plan to:**

- make a speech with report (10-15 min.);
- make a speech with information (5 min.);
- take a part as a listener;
- print theses;
- print an article.

\_\_\_\_\_

date

\_\_\_\_\_

signature

MINISTRY OF  
EDUCATION AND SCIENCE OF UKRAINE

DNIPRO NATIONAL UNIVERSITY  
OF RAILWAY TRANSPORT  
NAMED AFTER ACADEMICIAN V. LAZARYAN

EASTERN RESEARCH CENTER OF  
TRANSPORT ACADEMY OF UKRAINE



**TEMPUS: CITISET**



**XIV international  
scientific-practical conference**

**MODERN INFORMATION AND  
COMMUNICATION TECHNOLOGIES IN  
TRANSPORT,  
INDUSTRY AND  
EDUCATION**

**15.12.2020 – 16.12.2020**

Dnipro  
2020