



**Ministry of Transport of Russian Federation  
Federal Agency of Railway Transport  
Omsk State Transport University**

We are kindly inviting You to participate in the IV<sup>th</sup> All-Russian Student Scientific Conference with International Participation «Student: Science, Profession, Life», that will take place on April 24-28<sup>th</sup>, 2017 at Omsk State Transport University (OSTU).

Conditions of participation in the conference

We invite students of Higher and High Vocational Education Institutions to take part in the Student Conference.

Each participant may submit one paper co-authored with or without co-authors (co-authors are not more than three persons). Distant participation with article publishing in the book of the conference proceedings is also possible.

Conference does not allow including PhD students, Candidates and Doctors of Science as the co-authors because it is a student conference. Supervisor can be specified at the end of the article. All publications are free of charge.

ISBN number will be assigned to the book of conference proceedings, all the published materials will be included to RISK (Russian Science Citation Index).

To participate in the conference you need to fill the application form and send it to the organizing committee by e-mail, as well as you should send an article for publishing in the collection of articles within the requisite period.

More information about the conference can be found on the OSTU web-site: <http://nirs-omgups.wixsite.com/april-conference>.

**Presented documents (by e-mail: [nirs.omgups@mail.ru](mailto:nirs.omgups@mail.ru)):**

- 1) application for participation in a separate file;
- 2) text of the article;

**Deadlines:**

March 23<sup>rd</sup> - deadline for application and materials articles;

April 7<sup>th</sup> - forming the conference program;

April 24-28<sup>th</sup> - working sections.

**Conference committee address:**

644046, Omsk, 35, Marksa prospect, Omsk State Transport University, Research Department.

If you want to participate please contact us:

E-mail: [nirs.omgups@mail.ru](mailto:nirs.omgups@mail.ru);

[https://vk.com/nirs\\_omgups](https://vk.com/nirs_omgups);

tel. / fax: (3812) 31-16-27 - Ermachkov Gleb Romanovich - Research Department Engineer.

**Application for Participation  
in the IVth All-Russian Student Scientific Conference with International Participation  
«Student: Science, Profession, Life»**

Surname	
Name	
Patronymic (if applicable):	
Group	
Name of Educational Institution (full)	
Contact E-mail	
Phone	
Postal address of Educational Institution	
Workshop(s)	
Title of the report (article)	
Form of participation (personal/distant)	

**Thematic fields of the conference**

Section 1 «Automation, control and mechatronics»;

Section 2 « Railway Signalling»;

Section 3 « Current issues of the theory and practice of finance, accounting and taxation»;

Section 4 «Current problems of management, marketing and commerce»;

Section 5 «English»

Subsections:

- «English language. Technical specialities»;
- « English language. Economic specialities»;
- « English language. Tourism»;
- « English language. Customs»;

Section 6 «Life safety and environment»

Subsections:

- «Work safety and environment»;
- «Life safety in emergency situations»;

Section 7 «Business informatics and information security»;

Section 8 «Railway cars: design, technical diagnostics, maintenance and repair»;

Section 9 «Higher mathematics»;

Section 10 «Computer systems and technologies»;

Section 11 «Machine elements and metrology»

Subsections:

- «Machine elements and design principles»;
- «Metrology, standardization and certification»;

Section 12 «Computer science, applied mathematics and mechanics»

Subsections:

- «Mathematical modelling and mechanics»;
- «Information technology»;

Section 13 «Research potential of students in the SPE system» («Secondary Technical School of Railway Transport »)

Subsections:

- «Humanities and socio-economic direction»;
- «Mathematical and scientific direction»;
- «Technical direction»;

Section 14 «History»;

Section 15 «Contact networks and transmission lines»;

Section 16 «Cultural studies»;

Section 17 «Logistics»;

Section 18 « Media landscape and issues of socio-cultural and tourist and recreational development in the region»

Section 19 «Descriptive geometry, engineering graphics»;

Section 20 «German and French languages»;

Section 21 «General electrical engineering»;

Section 22 «Rolling stock of electric railways»;

Section 23 «Jurisprudence»;

Section 24 «Preventive aspects of modern health care («Omsk Medical School of Railway Transport»);

Section 25 «Russian language»;

Section 26 «Current problems of physical education, sport and healthy lifestyle»;

Section 27 «Customs»;

Section 28 «Telecommunication, radio systems and networks»;

Section 29 «Theoretical mechanics»;

Section 30 «Theoretical electrical engineering. Instruments and methods of measurement»

Subsections:

- «Study abroad»;

Section 31 «Theory of mechanisms and fundamentals of triboengineering»

Subsections:

- «Theory of mechanisms and machines»;
- « Fundamentals of triboengineering»;

Section 32 «Heat power engineering»;

Section 33 «Technological preparation, standardization and certification of production for rolling stock repair»;

Section 34 «Fuel efficiency, reliability and diagnostics of diesel locomotives»;

Section 35 «Traction substation, power quality, power supply»;

Section 36 «Physics»;

Section 37 «Philosophy»;

Section 38 «Chemistry»;

Section 39 «The evolution of the theory, problems of functioning and prospects of development of economic entities in the world economy»;

Section 40 «Economics and quality management»;

Section 41 «Russian economy: problems and development prospects».

## Requirements to the article appearance

### Main properties of the document:

- A4 page (210 x 297 mm), portrait orientation, Times New Roman font, size 14;
- Margin size, mm: left, top, right – 20, bottom – 32;
- Line spacing 1.25 cm, paragraph indentation - 1.25;
- Automatic hyphenation is disabled;
- Using (Tab) or (Space) buttons for paragraph indenting or text alignment is not allowed;

### Article layout scheme:

1. In the very top line, with *left* alignment, UDC number is placed (common font, size 14).
2. Blank line.
3. List of authors: center alignment, names are written as initials and put in front of the surname, dots after initials are a must, and initials are separated from each other and from the surname by the “Space” button. Co-authors of the article are separated with commas.
4. City is specified beside the name of the institution only in case it is not mentioned in the name of the institution (e.g. «Siberian Transport University», Novosibirsk, **but** «Omsk State Transport University» without mentioning the city).
5. Blank line.
6. Name of the article (center alignment, CAPITAL LETTERS, semi-bold, 14).
7. Blank line.
8. Annotation in Russian (italics, justified alignment, 12).
9. Key words in Russian (italics, justified alignment, 12).
10. Blank line.
11. Annotation in English (italics, justified alignment, 12).
12. Key words in English (italics, justified alignment, 12).
13. Blank line.
14. Text of the article.

### Notes:

Text in tables, picture legend texts and names of the tables are typed in Times New Roman font, size 14;

Drawings, created in Word, should be inserted as objects;

Literature references in the text of the article are put in square brackets, bibliography should be entitled;

Bibliography should consist of no more than 10 items.

Number of co-authors should not exceed three persons. Recommended volume of the article is 4 pages. Pictures, charts and tables should be included into this volume.

Authors should avoid repetition of the same data in tables, charts and the main text.

Papers, not arranged in accordance with the above mentioned requirements will not be published or returned.

The organizing committee reserves the right to make literary editing of the article content without authors' agreement.

**While writing and submitting papers the authors should observe the set key dates and article layout requirements.**

**The key dates are set on the basis of technical facilities of the organizing committee.**

**Organizing committee reserves the right to reject the presented papers due to deadlines violation or non-compliance with the article layout requirements.**

**We hope for your understanding.**

**Example of article arrangement**

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P. Petrov, I. Ivanov

Omsk State Transport University

*Blank line*

**TITLE**

*Blank line*

*Annotation. Annotation. Annotation. (in English)*

*Key words: words, words, words. (in English)*

*Blank line*

Text. Text. Text. One of the main ways of development transport efficiency is...

*Blank line*

$$Symbol = \frac{symbol}{symbol}. \tag{1}$$

*Blank line*

The data obtained are presented in the table 1.

Table 1

Research outcomes


Chart is shown on pic. 1.

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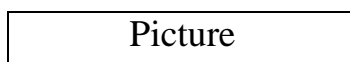


Рис. 1. Structural diagram

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Reference list

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1. Petrov M. N., Orlenko A. I., Teregulov O. A. Statistics of electromotives equipment units faults on Krasnoyarskaya railway. Modern high technologies – Sovremenniy naukoemkie tehnologii, 2013, no. 6, pp. 148 – 149.

2. Akimov V. A., Alekseenko V. A., Khomenko A. P., Chernyak S. S. Safety of Russia. Safety of railway transportation in the conditions of Siberia and North. Moscow: MGF Knowledge, 2014, 856 p.