



- Yurga Institute of Technology, TPU affiliate
- Siberian Federal University
- Institute of Strength Physics and Materials Science SB RAS
- Mining Institute of KuzSTU
- Tyumen Industrial University
- ООО «UTI»
- ООО «Delta»

CALL FOR PAPERS

IX International Scientific Practical Conference

“Innovative Technologies in Engineering”

http://uti.tpu.ru/nauchnaya_deyatelnost/konferencii/

24-26 May, 2018

Yurga, ul. Zavodskaya, 10

PhD students, teachers, scientists, research workers of higher educational institutions, research institutes and industrial enterprises are invited to participate in the conference.

The papers will be published in the collection of articles in Russian. Selected research papers will be published in a journal indexed in Scopus (presumably in “IOP Conference Series: Materials Science and Engineering”).

TOPICS AND WORKSHOPS OF THE CONFERENCE

1. Innovative technologies for producing and testing permanent joints in Mechanical Engineering

- innovative welding technologies
- application of welding equipment in industry
- weld joints quality control and certification

2. Innovative technologies for producing and machining materials in Mechanical Engineering

- innovative technologies for producing and treatment of materials
- metallurgical technologies
- equipment for mechanical machining and physicotchnical treatment
- additive technologies
- designing and improving machines and mechanisms

3. Automation, informatization and management of a company

- production processes automatization and computer technologies
- general issues of software
- information technologies in management
- production processes management, certification and marketing

4. Advanced technologies and equipment for mining development

- new equipment and technologies for underground mining
- geology and geomechanics
- innovative technologies and modern technical means for agro-industrial complex (AIC)
- increasing the effectiveness of transport and technological machines operation

PROGRAM COMMITTEE

- Ostvald R.V. – Chair of the Committee, Deputy Vice-Rector for Research and Innovations of TPU, Doctor of Chemistry, Tomsk
- Popov S.V. – the Mayor of Yurga
- Gritsko G.I. – corresponding member of RAS, Doctor of Engineering, professor, Novosibirsk
- Bely A.V. – Deputy Director for Science of Institute of Physics and Technology, National Academy of Sciences, Republic of Belarus, corresponding member of the National Academy of Sciences, Republic of Belarus, Doctor of Engineering, professor, Minsk, Belarus
- Rzayev E.D. – Head of Metal-cutting Machine Tools and Tools Department of ATU, associate professor, Baku, Republic of Azerbaijan
- Khoreshok A.A. – Director of the Mining Institute of KuzSTU, Doctor of Engineering, professor, Kemerovo
- Smirnov A.N. – Director of Kuzbass Centre of Welding, Doctor of Engineering, professor, Kemerovo
- Aksenov V.V. – Head of Laboratory of Coal Geotechnical Engineering of the Institute of Coal of SB RAS, Doctor of Engineering, professor, Kemerovo
- Panin S.V. – Deputy Director for Science of ISPMS of SB RAS, Doctor of Engineering, professor, Tomsk
- Ovcharenko V.E. – Director of the Laboratory of Composite Materials of ISPMS SB RAS, Doctor of Engineering, professor, Tomsk
- Sarayev Y.N. – Senior Research Officer at ISPMS SB RAS, Doctor of Engineering, professor, Tomsk
- Dolgushina V.V. – professor of the Department of Machine Tools and Tools of Tyumen Industrial University, Doctor of Engineering, professor, Tyumen
- Demchenko A.I. – Head of the Machine-building Department of the Siberian Federal University, Candidate of Engineering, associate professor, Krasnoyarsk
- Momot M.V. – Director General of OOO “UTI”, Candidate of Engineering, Yurga
- Vazhdayev A.N. – Development Director of OOO “Delta”, Yurga

ORGANIZING COMMITTEE

- Chinakhov D.A. – Chair, acting Director of UTI TPU, Candidate of Engineering, associate professor, Yurga
- Ilyashchenko D.P. – acting Head of Welding Production Department at UTI TPU, Candidate of Engineering, associate professor, Yurga (Chair of Workshop 1)
- Mokhovokov A.A. – Head of Engineering Department at UTI TPU, Candidate of Engineering, associate professor, Yurga (Chair of Workshop 2)
- Zakharova A.A. – Head of the Information Systems Department at UTI TPU, Candidate of Engineering, associate professor, Yurga (Chair of Workshop 3)
- Blashchuk M.Yu. – acting Head of Mining Equipment Department at UTI TPU, Candidate of Engineering, Yurga (Chair of Workshop 4)
- Pashkov E.N. – acting Director of Oil and Gas Engineering Department of TPU, Candidate of Engineering, associate professor, Tomsk
- Kusova E.F. – the Conference Secretary

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Chair of the Organizing Committee: Chinakhov Dmitry Anatolyevich, Candidate of Engineering, associate professor

Conference Secretary: Kusova Elvira Faritovna

PUBLICATION OF SUBMITTED PAPERS:

The participants of the conference may publish their papers both in the conference proceedings in Russian and in "IOP Conference Series: Materials Science and Engineering"(MSE) in English (the latter is indexed in Scopus). The templates for papers are in Appendix 1.

Important dates:

| | |
|-----------------------------|-----------------------|
| Registration Deadline: | 14, April 2018 |
| Papers submission Deadline: | 14, April 2018 |
| Author Notification Date: | 20, April 2018 |

Publication fees per paper:

| | |
|-----------------------------------|-----------------------|
| MSE | 15000 rub. |
| MSE for foreign submissions | 350 € |
| Conference proceedings in Russian | free of charge |

Banking details for paying the publication charges will be sent to the authors of accepted papers by e-mail alongside with the paper acceptance notification.

PAPER REQUIREMENTS

- to participate in the conference you should fill in the application form at http://uti.tpu.ru/nauchnaya_deyatelnost/konferencii/, and attach a file of your paper;
- the paper should be formatted in strict accordance with the template of the publication of your choice;
- The file name of the attached paper should be the name of the first author (for example, Иванов АА.doc if the paper is in Russian, and Ivanov AA.doc if the paper is in English).

PAPERS FOR THE CONFERENCE PROCEEDINGS

The languages of the conference are Russian and English.

The paper should contain an abstract in Russian and in English (max. 500 symbols).

The paper should be 2 to 5 A4 pages in length. One paper **cannot** have **more than three authors**.

The text should be typed in Word 2007/2003 on A4 sheet, single line spacing, standard Times New Roman Cyr (10 pt), top, bottom, right and left margins being 2 cm, the indent - 1 cm. The text can be illustrated with diagrams and tables. **The organizing committee may refuse the papers which do not correspond to the topics of the conference or are executed improperly.**

The title

- the first line – the title in capital letters;
- the second line – initials and surnames of the authors, academic degree and position;
- the third line – educational institution or organization, location;
- the fourth line – contact address: postal address, telephone, fax, e-mail.

EXAMPLE:

TECHNOLOGY OF CEMENTED CARBIDE PRODUCTION

*A. B. Ivanov, Candidate of Engineering, associate professor, V.G. Petrov, Doctor of Engineering, professor
Tomsk Polytechnic University
634050, Tomsk, Lenina prospect 30, tel. (3822)-12-34-56
E-mail: Ivanov@mail.ru*

Abstract

Text

PAPERS IN ENGLISH

- the papers must be in good English (papers with mistakes and improperly translated papers will not be accepted);
- paper length must be **6-8 pages**;
- the paper must include the following sections: **Abstract, Introduction, Results and Discussion, Conclusion**, etc.;
- references must be made in accordance with Publishers requirements (see Appendix 1). References must be made only to the sources indexed in international databases;
- a paper can not have more than 5 authors;
- the authors must use the international standard for quantities and units of measurement, a point is used as a decimal separator (for example, 0.002);
- the number of references in the list of references must not be less than 10;
- self-citations must not exceed 15%;
- citation of the author's colleagues from his/her primary place of employment must not exceed 20%.

Type the title of your paper here

List the author names here

Type the author addresses here

Type the corresponding author's e-mail address here

Abstract. Start your abstract here...

1. The first section in your paper

The first paragraph after a heading is not indented (Bodytext style).

Other paragraphs are indented (BodytextIndented style).

2. Another section of your paper

The first paragraph after a heading is not indented (Bodytext style).

Other paragraphs are indented (BodytextIndented style).

2.1. A subsection

Some text.

2.1.1. A subsubsection. The paragraph text follows on from the subsubsection heading but should not be in italic.

References

[1] A reference

This reference has two entries but the second one is not numbered (it uses the 'Reference (no number)' style).

[2] Another reference

[3] More references