



**Yurga Institute of Technology
of Federal state autonomous educational
institution of higher education
“National research
Tomsk polytechnic university”**

CALL FOR PAPERS

All-Russian research-to-practice conference of young researchers, postgraduate students and undergraduates “Ecology and safety in the technosphere: current problems and solutions” http://uti.tpu.ru/nauchnaya_deyatelnost/konferencii/

23-25 November 2017

UTI TPU, Yurga, ul. Zavodskaya, 10 (building №6)

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

The research papers are planned to be published:

- in proceedings in Russian
- **in journals indexed in Scopus, «IOP Conference Series: Earth and Environmental Science».**

TOPICS AND WORKSHOPS OF THE CONFERENCE

1. Ecological basis of advanced technologies

- environmentally friendly technologies, low waste technologies
- ecologically clean energy generation sources
- recycling man-made mineral formations
- biotechnology development prospects
- ecological biochemistry, physiology and medical science

2. Ecological monitoring and nature protection activities managing

- sustainable utilization of water resources and waste water treatment
- sustainable utilization of land resources and rehabilitation of disturbed lands
- ecoanalytics and chemical monitoring of environment
- saving the biological diversity and protecting the plant and animal life
- information technologies in environmental protection

3. Social and humanitarian aspects of ecology

- ecological education and training
- culture and ecology: connections
- philosophical aspects of global ecological problems
- legal issues of industrial ecology
- comparative pedagogics and ecological education

4. Modern technologies of response to ES and technical support of rescue and salvage operations

- mitigating risks and consequences of man-induced disasters
- naturally occurring emergency situations, minimization of their possible consequences
- complex safety of companies and objects of urban infrastructure
- modern rescue and salvage equipment
- fire safety issues
- radiation safety problems
- modeling the processes of technosphere safety estimation processes
- estimation of risks and calculation of accident consequences

PROGRAM COMMITTEE

- Baydali S.A. – Chair of the Committee, Pro-Rector for Research and Innovations of TPU, Doctor of Engineering, Tomsk
- Yefremenkov A.B. – Co-Chair of the Committee, YIT TPU Chancellor, Candidate of Engineering, associate professor, Yurga
- Vysotsky S.V. – Director of the Department of Natural Resources and Ecology of Kemerovo region, Kemerovo
- Buznik V.M. – RAS academician, Doctor of Chemistry, professor of Gubkin Russian State University of Oil and Gas, Moscow
- Ivanov V.K. – Deputy Director of Kurnakov Institute of General and Inorganic Chemistry, Doctor of Chemistry, professor, Moscow
- Belyy A.V. - deputy director for Scientific Work of the Physico-Technical Institute of the National Academy of Sciences of Belarus, Corresponding Member of the National Academy of Sciences of Belarus, Doctor of Technical Sciences, Professor, Minsk, Belarus
- Rzaev E.D. - head of the Department Metal-cutting machines and tools ATU, Associate Professor, Baku, Azerbaijan
- Klimenov V.A. - vice-rector for scientific work of TASU, Doctor of Technical Sciences, Professor, Tomsk
- Khoreshok A.A. - director of the Mining Institute of KuzSTU, Doctor of Technical Sciences, Professor, Kemerovo
- Panin S.V. - deputy director for Scientific Work of the IFPM SB RAS, Doctor of Technical Sciences, Professor, Tomsk
- Vereshchagin V.I. – professor of Silicates and Nanomaterials Technology Department, Doctor of Engineering, TPU, Tomsk
- Levitsky I.A. – head of Glass and Ceramics Department of Belarusian State Technological University, Doctor of Engineering, professor, Minsk
- Fedotov K.V. – head of Minerals Processing and Engineering Ecology Department of Irkutsk national Research Technical University, Doctor of Engineering, professor, Irkutsk
- Zelinskaya E.V. – professor of Minerals Processing and Engineering Ecology Department of Irkutsk national Research Technical University, Doctor of Chemistry, professor, Irkutsk
- Tcherkasova T.G. – head of General and Inorganic Chemistry of KuzSTU, Doctor of Chemistry, professor, Kemerovo
- Kozik V.V. – head of Inorganic Chemistry Department of TSU, Doctor of Chemistry, professor, Tomsk
- Romanenko S.V. – head of Ecology, Health and Safety Department of TPU, Doctor of Chemistry, professor, Tomsk
- Turetaeva G.K. – head of Ecological Monitoring Office of LLC “Yurginsky mashzavod”, Yurga
- Momot M.V. – general director of UTI LLC, Candidate of Technical Science, Associate Professor, Yurga
- Vazhdayev A.N. - Development Director of LLC Delta, Yurga.

ORGANIZING COMMITTEE

- Chinakhov D.A. – Chair, Vice-Chancellor for Science, UTI TPU, Candidate of Engineering, associate professor, Yurga
- Solodsky S.A. – Co-Chair, Head of Basic Safety, Ecology and Physical Training Department at UTI TPU, Candidate of Engineering, associate professor, Yurga
- Malchik A.G. – associate professor of Basic Safety, Ecology and Physical Training Department at UTI TPU, Candidate of Engineering, Yurga
- Poleshchuk L.G. – associate professor of Liberal Arts Education and Foreign Languages Department, Candidate of Philosophy, associate professor, Yurga
- Romanenko V.O. – engineer of Basic Safety, Ecology and Physical Training Department at UTI TPU, Candidate of Engineering, Yurga
- Filonov A.V. – assistant of Basic Safety, Ecology and Physical Training Department at UTI TPU, Yurga
- Litovkin S.V. – assistant of Basic Safety, Ecology and Physical Training Department at UTI TPU, Yurga

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

Conference secretary: Litovkin Sergei Valeryevich

PAPERS FOR THE CONFERENCE PROCEEDINGS:

The participants of the conference may publish their papers both in the conference proceedings in Russian and in, «IOP Conference Series: Earth and Environmental Science» (MSE) in English (indexed in Scopus). The template for the papers is in Appendix 1.

Important dates

Registration Deadline	before 1, November, 2017
Papers submission Deadline	before 1, November, 2017
Author Notification Date	before 10, November, 2017
Participation fee payment deadline	before 15, November, 2017

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 email 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 the file of your paper.
- The paper should be formatted in 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 **shouldn't 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:

UTILIZATION OF METALLURGIC PRODUCTION RESIDUE

*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
References

PAPERS IN ENGLISH

- the papers should be in good English (papers with mistakes and improperly translated papers will not be accepted).
- paper length should be **6-8 pages**.
- the paper should have sections such as **Abstract, Introduction, Results and Discussion, Conclusion**, etc.
- references should be made in accordance with Publishers requirements (see Appendix 1). References should be made only to the sources indexed in international databases.
- the paper should not have more than 5 authors;
- the authors should use the international standard for the units of measure and quantities, use the point as decimal separator (e.g. 0.002);
- the number of references in the list of references should not be less than 10;
- self-citations should not exceed 30%.

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