



21th International Conference for Students and Young Scientists

«Modern Technique and Technologies MTT'2015»

Tomsk, Russia
5-9 October 2015



CALL FOR PAPERS

21th International Conference for Students and Young Scientists «Modern Technique and Technologies MTT'2015» will be held at National Research Tomsk Polytechnic University (TPU), Tomsk, Russia, 5-9 October 2015

According to the decision of the Ministry of Education and Science of the Russian Federation and Tomsk Government the conference is organized by National Research Tomsk Polytechnic University.

CONFERENCE SESSIONS & TOPICS:

SESSION 1.

POWER INDUSTRY

- electric power engineering, renewable and alternative energy sources
- electric power systems
- atomic and hydrogen energetics
- heat power engineering, thermotechnics, thermal physics
- energy and resources saving

SESSION 2.

ELECTRONIC ENGINEERING

- devices, systems and products for medicine
- equipment and methods of nondestructive testing

SESSION 3.

MATERIALS AND TECHNOLOGIES NEW GENERATIONS

- composite materials
- nanostructured materials and nanotechnologies
- methods of research and diagnostics of materials

SESSION 4.

CONTROL SCIENCE AND SYSTEM ENGINEERING

- information technologies and decision support systems in enterprise management
- management in technical systems;
- system analysis and digital signal processing

SESSION 5.

PHYSICAL METHODS IN SCIENCE AND ENGINEERING

- atomic physics and physics of elementary particles
- Radiation Ecology and Safety
- plasma physics
- physical methods in applied researches

SESSION 6.

DESIGN AND ARTISTIC ASPECTS OF ENGINEERING

- industrial design, environment and interior design, architectural design, landscape design
- jewelry design, art design, lighting design technology of artistic processing of materials
- information technologies in design

SESSION 7.

SOCIAL AND HUMANITARIAN ASPECTS OF ENGINEERING

- the problem of responsibility of engineer and engineering ethics
- mechanism of technical innovations and the formation of engineering foresight
- Philosophy of Science and Technology;
- project management methodology in engineering
- heuristic methods in making of engineering decisions

The Conference official languages are Russian and English.
The proceedings will be published as two collections in Russian and English.
The author of the best scientific paper will be awarded with diplomas.

CHECKLIST FOR AUTHORS

Authors are expected to submit 3-page (A4) complete papers double-column format. One author may submit not more than 4 papers.

The papers should be submitted in MS Word for Windows through e-mail: STT@tpu.ru, ovs@tpu.ru

The papers should be submitted as two files. The first one contains the full paper text. This file name should indicate: <**author surname and initials**> then Dash sign < - > then <**the session number**>. For example: **IvanovaAA-s1.doc**; **SmithD-s4.doc**.

The second file contains the full information on the authors and his/her/their supervisor. It should contain affiliation, position, scientific degree, name & surname in complete spelling. This file name should indicate: <**author surname and initials**> then Dash sign < - > then abbreviation <**sved**> then Dash sign again < - > then <**the session number**>. For example: **IvanovaAA-sved-s1.doc**; **SmithD-inf-s4.doc**.

NB! Since no proofreading will be provided, check your papers very carefully before sending to the Organizing Committee.

Deadline for papers 15 May 2015

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