

INTERNATIONAL SCIENCE AND TECHNOLOGY CONFERENCE FOR YOUTH

*"Advanced Materials for Engineering and Functional
Purposes"*

October 17-21, 2022 г.

FIRST ANNOUNCEMENT

Students, postgraduate students, young scientists, lecturers and experts under 35 years are welcome to the International scientific and engineering conference "Promising materials for structural and functional applications" which will be held on October 17-23, 2022.

CONFERENCE ORGANIZERS

Tomsk Polytechnic University, Tomsk, Russia
Institute of Strength Physics and Materials Science SB RAS, Tomsk, Russia
Tomsk State University, Tomsk, Russia

ORGANIZING AND PROGRAM COMMITTEES

Chairman of the Organizing Committee: **Buyakova Svetlana Petrovna** – Doctor of Technical Sciences, Deputy Director for Research at Institute of Strength Physics and Materials Science Siberian Branch Russian Academy of Sciences, Professor of Tomsk Polytechnic University

Chairman of the Program Committee: **Kolubaev Evgeny Aleksandrovich** - Doctor of Technical Sciences, Director of Institute of Strength Physics and Materials Science of Siberian Branch of Russian Academy of Sciences, Professor of Tomsk Polytechnic University

The list of members of the Organizing and Program Committees is available on the conference website: mt.ifvt.tpu.ru.

SCIENTIFIC PROGRAM

The international conference "Promising materials for structural and functional applications" is designed for the discussion of significant works in various fields of materials science and technology of the following topics:

1. Fail-Safety of Structural Materials.

Strength, ductility and fatigue of materials; research methods, diagnostics and testing of materials; operational issues of materials in severe conditions; structural investigation of materials.

2. Functional materials.

Materials for renewable energy sources; heat-resistant and cold-resistant materials; nanomaterials and technologies; composite materials based on metal, ceramic and polymer matrixes; biomaterials.

3. Surface modification.

Surface modification methods; structure and properties of multifunctional coatings; technologies for surface treatment.

Participants are also welcome to the **Youth School** «I am in the world of materials science for advanced technologies»:

- Master classes "Simply about the complicated"
- Workshop «Speaking in the TED-style talks»
- Schoolchildren Presentation Contest «I am in the world of materials science for advanced technologies»

The scientific program of the conference includes plenary (30 min.), oral (10 min.), poster presentations and lectures by leading scientists. The best speakers will be awarded.

Online participation for nonresidents will be organized when the Organizing committee receives a sufficient number of applications.

Languages: Russian and English.

Registration form can be found online on the website: mt.ifvt.tpu.ru.

To participate in the Workshop and master classes, additional [registration](#) is required.

CONFERENCE PROCEEDINGS

Proceedings to be published at the conference:

- Abstracts which will be available online at the conference web site and indexed in RSCI;
- Full-text conference proceedings indexed in Scopus and Web of Science (optional for additional fee).

Materials received later than the deadline, submitted in violation of the requirements, or not containing sufficient scientific novelty, will not be accepted for publication.

CONFERENCE FEE

After receiving notification of acceptance, the conference participants need to pay the **registration fee** by **September 15, 2022** in the amount of:

2000 rubles - students;

2500 rubles - postgraduate students, young scientists;

1500 rubles – online participation.

All schoolchildren do not pay registration fee. Participation in the Youth School is **free of charge**.

When the conference is attended offline, it is necessary to pay for each speaker. When the participation is online, the registration fee is paid for each presentation.

All speakers will receive a certificate by e-mail. A printed version of the certificate costs 250 rubles and will be sent at the request.

Registration fee included publication in a journal indexed in Scopus and Web of Science will be announced at a later date.

KEY DATES

April 1, 2022 – opening of online registration on the conference website mt.ifvt.tpu.ru;

August 1, 2022 – deadline for the online registration and acceptance of the conference materials for publication in the Abstracts;

August 20, 2022 – notification about acceptance of the conference materials;

September 1-15, 2022 – days of payment of the registration fee for participation in the conference.

CONTACTS

Detailed information about the conference and the Youth School can be found on the website mt.ifvt.tpu.ru and in the [Telegram channel](#).

Conference secretary:

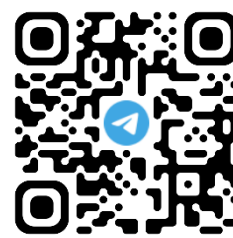
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Conference
website



Conference
Telegram