

Dear colleagues!

We invite you to take part in the
XV International Scientific and Technical Conference
"New materials and technologies in mechanical engineering-2023",
Which will be held on April 27-28, 2023
The working languages of the conference are Ukrainian and English.

GENERAL PROVISIONS

Please note that, abstracts and full-text papers sent to the conference will be published in the book of proceedings (ISSN 2524-0544 (Print)), which will be posted on the conference website <http://metalcasting.kpi.ua>

Extended abstracts will be published in the professional scientific issue "New materials and technologies in mechanical engineering" (ISSN 2519-450X (Online)) <http://metalcasting.kpi.ua/proc>

The number of co-authors of the article, as well as the number of articles provided by one author, are not limited.

MAIN DIRECTIONS OF THE CONFERENCE

- ❖ Modern technologies for the production of castings from iron, steel and non-ferrous metals.
- ❖ New materials and technologies in various industries.
- ❖ Fundamentals of crystallization of melts.
- ❖ Surface engineering.
- ❖ Computer design of materials.
- ❖ Technologies for improving the durability of parts and tools.
- ❖ Mathematical, physical, simulation modeling, computer and information technologies.
- ❖ Automation and mechanization of production processes.
- ❖ Environmental problems of engineering activities.
- ❖ Modern methods of product quality control.
- ❖ Management, economics and development strategy of metallurgy and engineering in Ukraine.
- ❖ Training, retraining and advanced training of personnel in engineering and technical specialties.

TEXT RULES

1. Material volume should not exceed 6 full pages of A4 format without numbering, margins of 20 mm on each side. Materials must be formatted in a Microsoft Word text editor, font Times New Roman size 14, spacing one and a half, paragraph is 1.27 cm.

2. In bold: the surname and initials of the author (co-authors), the second line in parentheses in italics is the abbreviation of the organization, city (separated by commas, centered). The name should be written in capital letters without hyphenation, center alignment. The E-mail of the contact person must be specified on the next line.

In a line - the text of the theses (one and a half interval of the text).

Formulas in the MS Equation 2.0/3.0 editor, tables and figures are allowed and references to them must be in the text.

After the main material, submit information about each author (name, E-mail, ORCID).

See the abstract template on the conference website.

Abstracts submitted to the conference are not edited or reviewed, the author (authors) is responsible for the information.

PROGRAM COMMITTEE

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Verkhovlyuk A.M., Doctor of Technical Sciences, Professor, FTIMS NAS of Ukraine, Kiev

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Lukianenko I.V., PhD, Academic Secretary, Department of FP, Igor Sikorsky Kyiv Polytechnic Institute, Kiev

Fedorov G.E., Candidate of Technical Sciences, Associate Professor, FTIMS NAS of Ukraine, Kiev

Guria I.M., Candidate of Technical Sciences, Associate Professor, Department of FP, Igor Sikorsky Kyiv Polytechnic Institute, Kiev

Mogilatenko V.G., Doctor of Technical Sciences, Professor, Department of FP, Igor Sikorsky Kyiv Polytechnic Institute, Kiev

Kocheshkov A.S., Candidate of Technical Sciences, Associate Professor, Department of FP, Igor Sikorsky Kyiv Polytechnic Institute, Kiev

Liuty R.V., Candidate of Technical Sciences, Associate Professor, Department of FP, Igor Sikorsky Kyiv Polytechnic Institute, Kiev

Doniy A.N., Doctor of Technical Sciences, Associate Professor, Department of PMSHT, Igor Sikorsky Kyiv Polytechnic Institute, Kiev

ORGANISING COMMITTEE

Smirnova Ya.A., graduate student, Department of FP, Igor Sikorsky Kyiv Polytechnic Institute, Kiev

Tishkovets M.V., graduate student, Department of FP, Igor Sikorsky Kyiv Polytechnic Institute, Kiev

ADDRESS OF THE ORGANIZING COMMITTEE

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Y. O. Paton Educational and Research Institute of Materials Science and Welding
03056, Ukraine, Kiev, Peremohy Ave., 37, bldg. No. 9, IMZ, Department of FP.

For organizational information and issues related to the preparation of abstracts, call:

Department of FP +380 (44) 204-82-16

mob. +380 (50) 546-06-83

+380 (97) 290-86-16

E-mail: metalcasting@ukr.net

Participation in the conference is free.

For more information, contact the organizing committee.

APPLICATION

For participation in the XVth International Scientific and Technical
Conference
«New materials and technologies in mechanical engineering-2023»,
April 27-28, 2023, Kiev

Surname _____
Name _____
Conference section _____
Place of work (study) _____
(name of organization, department, department in full)

Position _____
Academic title, degree _____
Phone, code _____
Email _____
Job title _____
Authors _____

CONTACT INFORMATION

Please send applications for participation in the conference and abstracts
by April 25, 2023 to: metalcasting@ukr.net

You can register for the conference on the conference website
<http://metalcasting.kpi.ua>

Authors of accepted materials (abstracts + application), will receive
e-mail notification within a week.

The Organizing Committee will be grateful to you for sharing this
information among colleagues interested in participating in the conference.

Ministry of Education and Science of Ukraine
Foundry Association of Ukraine
Physico-Technological Institute of Metals and Alloys
NAS of Ukraine
National Technical University of Ukraine
"Igor Sikorsky Kyiv Polytechnic Institute"



XV International Scientific and Technical
conference

**«New materials and technologies
In mechanical engineering-2023»**

the conference is dedicated to the
**125th anniversary of the National Technical University
of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"**

Kyiv, April 27-28, 2023