

General Abstracts Guidelines

The abstracts are accepted in Ukrainian or English for publishing in the conference proceedings. To submit your work, use the MS Word editor in A5 page size. Use portrait page orientation. The top, bottom, left, and right margins are 20 mm. Use indentation of 10 mm, single line spacing, full justification with automatic word wrap, Times New Roman font – 10 pt. Pages are not numbered. Place formulas in the center on the line. Graphics should be clear, breaking the text of the abstract without text wrapping or in-line placement. The captions under the drawings are in the center of the line. Caption format: Figure 1 - Picture name. Bibliography should follow DSTU 8302:2015.

Abstract text sequence: UDC; authors' last names and initials; authors' scientific degrees, positions and affiliation, city names; after a blank line – abstract name (in capital letters, bold, centered); after a blank line – abstract text; bibliography (bold, centered).

Abstract length: 2 to 5 pages.

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Template

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INFLUENCE OF NON-METALLIC INCLUSIONS ON CARBON STEEL PROPERTIES

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Studies on the effect of nature of nonmetallic inclusions on properties ...

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Bibliography

1. Tsyvirko E. I., Klochykhin V. V., Kolomoitsev O. H., Naumyk V. V. Ob`iemna ta spryamovana krystalizatsiia nikelovykh splaviv. Metaloznavstvo ta obrobka metaliv. 2000. № 3. P. 5–11.

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Foundry Technology and Equipment Chair



XVII International Scientific and Technical Conference

«NON-METALLICS AND GASES IN CAST ALLOYS»

November 26 – 27, 2024

**in honor of the 125th anniversary of National University
Zaporizhzhia Polytechnic**

Zaporizhzhia

We invite you to take part in the XVII International Scientific and Technical Conference «**NON-METALLICS AND GASES IN CAST ALLOYS**» held on November 26-27, 2024 at the Foundry Technology and Equipment Chair of the National University Zaporizhzhia Polytechnic.

Scientific Scope of the Conference

- New research methods and techniques for controlling non-metallic inclusions and gases in steel, cast iron and non-ferrous alloys.
- The role of non-metallic inclusions in the structure formation of steels and alloys, their influence on the properties.
- Non-metallic phase morphology during the melting process, heat treatment, deformation and operation of steels and alloys.
- Modification and alloying of steels and alloys.
- New smelting technologies, increase of purity and properties of steels and alloys.
- Special metallurgical techniques to produce high quality steels and alloys.
- Modelling and computer technologies in casting production.

Representatives of Ukrainian and foreign higher educational institutions, scientific organizations and industrial enterprises, as well as undergraduate students, graduate students and young scientists are expected to attend.

Conference participation: remote, online.

Conference participation link via Zoom and the conference program will be delivered to emails used during registration on November 24, 2024.

To participate in the conference, send the conference participation application and the abstract before November 1, 2024 to mitlvkafedra@gmail.com. The files should include the last name of the first author and follow these templates: Vasilev_tezy (for abstracts) and Vasilev_zayavka (for applications).

The organizing committee will notify each participant individually about the receipt and acceptance of materials for publishing via the e-mail address specified in the application. Authors are fully liable for the information provided within the abstracts.

The Conference Proceedings digital copy will be delivered to the conference participants' emails. It will also be published in the institutional repository of National University Zaporizhzhia Polytechnic.

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