

Dear Colleagues!

We invite you to take part in the XV International Scientific and Technical Conference «**NON-METALLIC AND GASES IN THE CAST ALLOYS**» which will be held on October 11-12, 2018 at Zaporozhye National Technical University on the basis of the department «Machines and technology of foundry production»..

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

Call for Abstracts

- New methods, techniques of research and control of 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 maintenance of steels and alloys.
- Modification and alloying of steels and alloys.
- New smelting technologies, increase of purity and properties of steels and alloys.
- Special metallurgy techniques to produce high quality steels and alloys.
- Manufacturing technology, properties of deformed steels and alloys.

To participate in the conference is necessary until 01.09.2018. send to the address of the organizing committee:

- Application for participation in the conference on the model.
- Abstracts in printed (1 copy with the authors signatures) and in electronic form.

Working languages of the conference are Ukrainian, Russian, English

Organization questions

The abstracts of the conference will be published in the abstract book, which will be placed in the ZNTU repository, which makes it possible to index in the science-based databases and search systems.

The authors of the interesting abstracts will be requested to provide a manuscript to be included in a dedicated volume of the periodical «Innovative materials and technologies in metallurgy and mechanical engineering», published by Zaporozhye National Technical University, Zaporozhye, Ukraine. The papers will be peer-reviewed before publication. The periodical will be available in full text to the authors (<http://nmt.zntu.edu.ua>).

Accommodation of participants of the conference will be organized in the dormitory of ZNTU or in hotels of Zaporozhye

Contact

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Instructions for abstracts preparation

For publication in the collection of conference abstracts materials are accepted in Ukrainian, Russian, English using the MS Word editor (148 × 210) (.doc file format) in A5 format (148 × 210). The orientation of the pages is book, field: upper - 20 mm, lower - 25 mm, left and right - 15 mm. Indentation of 10 mm. single line spacing, alignment in width with automatic word wrap, Times New Roman font - 10 pt. Pages are not numbered.

Formulas are typed in Microsoft EQUATION 3.0 (centered). Numbering of formulas - placement on the right side.

Drawings, graphics and photographs should be clear, located in the text of the abstract. The captions under the drawings are in the middle. Signature format: Figure 1 - Picture name.

Sequence of placing of text:

- index of UDC;
- last name and initials of authors;
- scientific degree, position and job of authors;
- name of theses (on a center by capital fat letters);
- text of theses;
- list of literature (in the middle of the line in bold letters)

Template

UDC 669.034

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**INFLUENCE OF NON-METALLIC INCLUSIONS ON PROPERTIES OF
CARBON STEEL**

(free string)

Studies on the effect of nature, morphology and topography of nonmetallic inclusions on properties ...

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Bibliography

1. Ivanov, I. I. Nazvaniye stat'i / I.I. Ivanov // Zhurnal. – god. – №. – S. KH-KH.

**Theses are not edited and not criticized, responsibility for information is
born the by an author (authors)**

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ZAPORIZHYE NATIONAL TECHNICAL UNIVERSIT**

**Department «Machines and technology of foundry
production»**



**XV International Scientific and Technical Conference
"Non-metallic Inclusions and Gases in the Cast Alloys"**

«NON-METALLIC AND GASES IN THE CAST ALLOYS»

October 11 – 12, 2018

Zaporozhye