

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

**UKRAINIAN STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGIES**



**International Scientific and Technical Conference
for Students and Young Scientists**

“YOUNG ACADEMY- 25”

May 22-23, 2025

Dnipro, Ukraine

CALL FOR ABSTRACTS

Dear Scientists, Postgraduate Students, and Students!

We invite you to participate in the International Scientific and Technical Video Conference for Students and Young Scientists “Young Academy – 25.”

The aim of the conference is to facilitate scientific activities of students and young scientists, focusing on modern challenges related to the rational use of mineral and energy resources, the development and improvement of technological processes, environmental and economic issues in contemporary production, ensuring the competitiveness of products in the global market, and defining key directions and strategies for the further advancement of information technologies and their application in various practical fields.

Guidelines for Abstract Submission

1. The abstract should not exceed two pages and must be submitted electronically in Word 2003 format using Times New Roman, size 12, single line spacing, on A4 paper size, with 2.5 cm margins. Formulas should be formatted in Microsoft Equation.
2. References should be provided at the end of the abstract in the order of citation, following standard bibliographic formatting (3–4 sources maximum).
3. Tables and figures, if included, must be compact, numbered, and titled.
4. Page numbers should not be included.

(Please, refer to the SAMPLE abstract formatting guide)

Abstracts will be published in their original form as submitted. Authors and their academic supervisors are responsible for the scientific content and quality of the materials. The Organizing Committee will only consider abstracts that comply with the specified guidelines and are submitted within the deadline.

The Conference Program Includes Sectional Sessions
in the Following Fields:

1. Metallurgy (Pyrometallurgy)
2. Metal Forming
3. Mechanical Engineering
4. Engineering Mechanics
5. Materials Science and Heat Treatment of Metals
6. Energy Engineering
7. Economics and Entrepreneurship
8. Management
9. Computer Science and Information Technology
10. Quality, Technical Regulation, and Metrology
11. Electromechanics

12. Ecology and Thermal Engineering
13. Fundamental Sciences
14. Humanities

Conference Organizing Committee

Chairperson: Yu. S. Proidak, D.Sc. (Tech.), Professor, Vice-Rector for Research, Ukrainian State University of Science and Technologies.

Committee Members:

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- A. O. Yeriomin, D.Sc. (Tech.), Professor
- A. V. Nikolenko, Ph.D. (Tech.), Associate Professor
- M. L. Soroka, Ph.D. (Tech.), Associate Professor
- S. P. Lahdan, Senior Lecturer
- L. Z. Martynova, 1st Category Librarian

To participate in the conference, please submit your abstracts by April 15, 2025, via email: lakoff52@gmail.com.

PARTICIPATION GUIDELINES

Participation in the conference is **free of charge** and conducted remotely. The conference materials will be published in an electronic collection of abstracts and made available on the official website of Ukrainian State University of Science and Technologies.

Organizing Committee Address: Ukraine, 49005, Dnipro,
4 Nauky Ave., Room 525 (Student Research Office).

Contact phone: +38097-507-57-67 (WhatsApp),
+38050-507-57-65.

Working languages of the conference: Ukrainian, English.

SAMPLE ABSTRACT FORMAT:

Section: **COMPUTER SCIENCE AND INFORMATION
TECHNOLOGY**

DEVELOPMENT OF STEGANOGRAPHIC INFORMATION PROTECTION TOOLS

**Petukh Ye. O., supervisor: Assoc. Prof. Ostapets D. O.
Ukrainian State University of Science and Technologies
(University)**

Computer steganography is a branch of classical steganography based on the characteristics of the computer platform. Steganography is one of the earliest approaches to solving the problem of data protection. It is used for secretly transmitting messages, hiding them from unauthorized users.

References: