



STATUTE OF THE STUDENT SCIENTIFIC PROFESSIONAL CONFERENCE

METALLURGY 2024

Dean of the Faculty of Materials, Metallurgy and Recycling of the Technical University of Košice (FMMR TUKE), doc. Ing. Karel Saksl, DrSc. announces

Student Scientific Conference METALLURGY 2024,
which will take place on **10.4.2024** at the Faculty.

The thirtieth jubilee edition of the conference will follow the concept of successful previous editions. The main mission of the conference, besides the presentation of students' scientific and professional work, is to broaden their knowledge through professional and qualified discussion. The aim of the conference is to develop students' creative thinking and their ability to present and defend their professional knowledge.

In addition to FMMR TUKE students, students from other universities and colleges can also apply to participate in the conference.

The Conference will be divided into three sections:

I. Metallurgy and Energetics

- Metallurgy of Iron and Steel
- Metallurgy of Non-Ferrous Metals
- Foundry
- Thermal energetics
- Gas Transport
- Inorganic Technologies and Materials

II. Materials

- Materials Engineering
- Materials Forming

III. Environmental Studies

- Recycling and Waste Treatment
- Environmental Analysis

The competition works for the faculty round of METALLURGY 2024 must be sent in electronic form to the head of the conference committee before **3. 4. 2024**.

The total number of works in the sections is limited to twelve. Exceptions are allowed and will be decided by the Conference Committee for works outside the Faculty of Materials, Metallurgy and Recycling (e.g. in case of a significant increase in the number of works in one section).

Awards for each section:

▪ 1st place	200 €
▪ 2nd place	150 €
▪ 3rd place	100 €
▪ Special prize for the best work of the first year of engineering	50 €
▪ Special prize for the best work in the bachelor's programme (3rd year of study)	50 €

The jury may exercise its right not to award certain prizes or to award other special prizes.

At the latest one hour after the end of the competition, the jury must select the results of the competition.

The METALLURGY 2024 Student Scientific Conference Work Form

Structure of the text:

- **Abstract in a world language**
- **Introduction** – starting with the breakdown of the current knowledge of the problem based on specialized literature and ending with the part defining the scale of possible solutions
- **Material and experimental methods** – defines the area of study and the actual experiment – its conditions and course of development, describes the methods used for the experiment (it does not apply to compilation works)
- **Analysis of results** (it does not apply to compilation works)
- **Conclusion**
- **References**

A maximum of 20 pages, including figures and tables, is allowed per paper. The level of formality of the paper must be in accordance with the ETD template for the writing of papers with the above-mentioned text structure. The conference committee reserves the right of selection with regard to the level of formality of the papers. **Works will not be selected for the competition if they do not comply with the required criteria or the deadline.**

The members of the jury of all of the sections will evaluate:

- Content (max. 30 points)
- Presenting (max. 30 points)
- Argumentation, the ability of students to defend their works (max. 30 points)
- Visualization, Graphs (max. 10 points)

Organising Committee of the Student Scientific Conference METALLURGY 2024:

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