

5th International Scientifically and Methodical Conference

“Development of students’ intellectual skills and creativity in the process of teaching natural sciences and mathematics curriculum’s disciplines” ITM Plus – 2024



First Announcement

5th International Scientific and Methodical Conference “Development of students’ intellectual skills and creativity in the process of teaching natural sciences and mathematics curriculum’s disciplines (subjects)” will be held on November 21-22, 2024 at Sumy State Pedagogical University named after A.S. Makarenko (Sumy, Ukraine).

The conference is organized jointly by the:

- Ministry of Education and Science of Ukraine;
- Sumy State Pedagogical University named after A.S. Makarenko (Sumy, Ukraine);
- The Institute of Pedagogy of the National Academy of Educational Sciences of Ukraine;
- Ukrainian State University named after Mykhaylo Drahomanov (Kyiv, Ukraine);
- Bohdan Khmel’nytsky Cherkasy National University (Cherkasy, Ukraine);
- Taras Shevchenko National University “Collegium of Chernigiv” (Chernigiv, Ukraine);
- Vasyl Stefanyk Precarpathian National University (Ivano-Frankivsk, Ukraine);
- Kaunas University of Technology (Kaunas, Lithuania);
- Faculty of Mathematics and Computer Science Paisiya Khilendarsky Plovdiv University (Plovdiv, Bulgaria);
- Armenia State Pedagogical University after Kh.Abovyan (Yerevan, Armenia)
- Scientific research laboratory of content and methods teaching mathematics, physics, computer science (SumDPU named after A.S. Makarenko)

The conference aims include the following sections:

1. Orientation of teaching natural sciences and mathematics curriculum’s disciplines (subjects) to the development of the student's creativity.
2. Development of students’ intellectual skills during the studying the disciplines of the natural science and mathematics curriculum.
3. Optimization of the training of natural sciences and mathematics curriculum’s disciplines (subjects) by means of information technologies.
4. Psychological and pedagogical support of the development of the creative person in the process of teaching the natural sciences and mathematics curriculum’s disciplines (subjects)
5. Implementing the ideas of the «New Ukrainian School» to develop the creative personality of students.

We plan plenary talks (30 min), section talks (20 min) and short communications (10 min).

The conference will be held on the basis of the Faculty of Physics and Mathematics (Sumy State Pedagogical University named after A.S. Makarenko (Sumy, Ukraine).

Conference languages are English and Ukrainian.

The deadline for registration and the abstract submission is **November 1, 2024**.

The book of abstracts will be published before the conference. To submit your registration form (*zayavka_IvanovII.doc or zayavka_IvanovII.rtf*) and your abstract (*tezisy_IvanovII.doc. or tezisy_IvanovII.rtf*) please use the examples of registration form and of abstract design below. Than send both files to the conference e-mail:

itm2024plus@gmail.com

The abstract should be **2 pages**. Abstracts that do not meet these requirements will not be accepted. The deadline for abstract submission is November 1, 2024.

Registration form:

Full name _____

Scientific degree _____
Academic status _____

Affiliation (name of organization, country) _____

E-mail address _____
Section _____

Title of the report _____

The requirements to abstract are:

- volume up to 2 pages (with reference and summaries);
- font – Time New Roman;
- single spacing; size – 10 pt;
- page setup – 2,5 – 2,5 – 2,5 – 2,5;
- figuras – . JPG or . TIF;
- formulas – font – Time New Roman, size 10, big index–7, small index– 5, big symbol – 12, small symbol – 10;
- references in square brackets (for example [1, p. 34] or [1; 2; 5]).

The template (#1) of abstract design

Full name of Author (s)

Scientific degree, Academic status,
affiliation, city,
ORCID ID,
e-mail

(EMPTY LINE)

THE TITLE OF ARBSTRACT (bolt, big letters)

(EMPTY LINE)

The text of abstract (up to 2 pages).

Table 1

Name of the Table

Width of the table ≤ 16

Fig. 1. Name of the Figure

(EMPTY LINE)

REFERENCES

1. ...

2. ...

(EMPTY LINE)

Анотація. Прізвище ім'я по-батькові. Назва. *Text in Ukrainian up to 7 straights*

Ключові слова: *keywords in Ukrainian... (4 - 5 words, italic).*

Summary. Full name. Title. *Text in English up to 7 straights.*

Key words: *... (4 - 5 words, italic).*

The template (#2) of abstract design

(for post graduate students, for master students, for bachelor students)

Full name of Author (s)

affiliation, city,
ORCID ID,
e-mail,
scientific advisor– full name,
Scientific degree, Academic status

(EMPTY LINE)

THE TITLE OF ARBSTRACT (bolt, big letters)

(EMPTY LINE)

The text of abstract (up to 2 pages).

Table 1

Name of the Table

Width of the table ≤ 16

Fig. 1. Name of the Figure

(EMPTY LINE)

REFERENCES

1. ...

2. ...

(EMPTY LINE)

Анотація. Прізвище ім'я по-батькові. Назва. *Text in Ukrainian up to 7 straights*

Ключові слова: *keywords in Ukrainian... (4 - 5 words, italic).*

Summary. Full name. Title. *Text in English up to 7 lines.*

Key words: *... (4 - 5 words, italic).*

If you need any additional information, please contact us without hesitation:

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