



DEAR COLLEAGUES!

We invite you to participate
in the Xth International Scientific and Methodological Conference
«Problems of Mathematics Education» (PME – 2023)
to be held **online** on 6-7 April 2023
at the Bohdan Khmelnytsky National University of Cherkasy

Topics of the conference:

- ❑ Prospects for reforming mathematical education in general and vocational schools
- ❑ Setting up Mathematics teaching in the new Ukrainian primary school
- ❑ Challenges of upgrading mathematical education in higher educational institutions
- ❑ Enhancement of mathematical and methodical preparation of mathematics, physics, and computer science education students
- ❑ ICT in teaching Natural Sciences and Mathematics
- ❑ Interdisciplinary connections and STEM-education
- ❑ Professional development of Mathematics teachers
- ❑ Foreign experience in teaching Natural Sciences and Mathematics in secondary schools, vocational schools, and higher education institutions

The conference program includes Plenary Session, Oral Presentations, and Round Table.

The conference languages are Ukrainian and English.

A book of abstracts is to be published online before the conference starts.

Conference fees (for foreign participants)

- ❑ Conference fee (with personal participation and including the conference program, e-book of abstracts, certificate of the participant and organizational costs) – **15 €** (for PhD students and undergraduate students – **10 €**).

Forms and papers:

- 1) e-application for participating (<https://forms.gle/y6du9DXBcEDkkUZu7>);
- 2) abstract (formatted according to instructions – Appendix 1-2), file name – **Petrenko_abstract.docx**;
- 3) photocopies of conference fee receipt (with author name), file name – **Petrenko-receipt.pdf**;
- 4) review (for participants without a degree), file name – **Petrenko-review.pdf**.

Submission deadline – **March 25, 2023**

Files (2 – 3/4) are to be sent **by e-mail: cherkasy_pme@ukr.net**. In the subject of the letter, please add: PME-2023, section #***, and PARTICIPANT'S NAME (the name of the section may not be indicated).

The conference fee should be sent to the PrivatBank card 4731 1856 0303 6952 (cardholder Nina Tarasenkova) or by PayPal (receiver's e-mail: ntaras7@ukr.net). **Purpose of payment «Surname of the participant – PME-2023».**

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***The full papers can be published in *The Cherkasy University Bulletin, series: Pedagogical Sciences or Topical issues of natural science and mathematics education* (Author Guidelines will be sent upon request), indexed in Index Copernicus.**

Abstract formatting

- *maximum length* – **2 full pages** (with annotations);
- *size* – A 4;
- *format* – portrait;
- *all margins*: 2,5 cm;
- *font* – Times New Roman Cyr, font size: main text – 12 pt, annotations – 11 pt, references – 10 pt;
- *inter-line spacing* – single space;
- *indentation* – 10 mm;
- *figures and photos* – in TIF or JPG format;
- *formulas* (on default): font Times New Roman, font size – 12, Subscript/Superscript – 7, Sub- Subscript/Superscript – 5, Symbol – 18, Sub-symbol – 12.
- *attributions* – in square brackets;
- *annotation* – surname, initials, title in Ukrainian and English languages (up to 5 lines each)

Author Guidelines

First Author^{1, a}, Second Author^{2, b} and Others^{3, c}

(right aligned, bold)

Organization

City, Country,

e-mail

**YOUR PAPER'S TITLE STARTS HERE:
PLEASE CENTER, USE BOLD, ONE LINE SPACING BEFORE TITLE**

Abstract ... (one line spacing before main text, new paragraph)

References (in alphabetical order, up to 10 sources)
(please center, bold type, one line spacing, 10 pt)

1. *(Left aligned, numbered list).*

Annotations and key words (one line spacing, 11 pt)

Template

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MODERN TENDENCIES OF UPDATE OF GEOMETRY CONTENT TEACHING IN SECONDARY SCHOOL

Modern reformation of secondary school mathematical education ...

....

References

- 1.
- 2.

Анотація. Тарасенкова Н. А. Сучасні тенденції оновлення змісту навчання геометрії в основній школі. У статті розглянуто питання оновлення змісту навчання геометрії в 7–9 класах.

Ключові слова: навчання геометрії, школа, сучасний підручник геометрії.

Summary. Tarasenkova N. **Modern trends of updating the content of teaching geometry in secondary school.** The questions of updating the content of teaching geometry in 7–9 grades are considered in this paper. ...

Keywords: geometry teaching, school, modern geometry textbook.

The full papers can be submitted to:

1) *The Cherkasy University Bulletin, series: Pedagogical Sciences*. The journal is indexed by the scientific metric base *Index Copernicus* (ICV **2019: 76.51**) and *Google Scholar*, referenced by the *CrossRef* and the scientific citations database *Open Ukrainian Citation Index*.

The journal is included in the "*List of scientific professional editions of Ukraine, in which the results of dissertation papers may be published for obtaining the degrees of a doctor and a candidate of sciences*" approved by Order of the Ministry of Education and Science of Ukraine dated March 17, 2020, No. 409.

Submissions are reviewed.

Site: <http://ped-ejournal.cdu.edu.ua>

Should any questions arise, you are welcome to send them to the e-mail address: cherkasy_pme@ukr.net

2) *Topical issues of natural science and mathematics education*. The journal is indexed by the scientific metric base *Index Copernicus* (ICV **2019: 80.39**) and *Google Scholar*, referenced by the *CrossRef* and the scientific citations database *Open Ukrainian Citation Index*.

The journal is included in the "*List of scientific professional editions of Ukraine, in which the results of dissertation papers may be published for obtaining the degrees of a doctor and a candidate of sciences*" approved by Order of the Ministry of Education and Science of Ukraine dated November 26, 2020, No. 1471.

Submissions are reviewed.

Site: <https://appmo.sspu.sumy.ua/vimogi/>