

**We invite you to participate in the
4th All-Ukrainian scientific conference**

**"Mathematical Modeling and
Mathematical Physics"**

Main goals of the conference:

- Exchange of experience and ideas among young scientists who represent different scientific schools;
- Encouraging creativity of young scientists;
- Presentation for youth the latest researches and innovative trends in science.

**Thematic topics of
the Conference work:**

- Informational Technologies;
- Mathematical Modeling and Numerical Methods;
- Mathematical Physics.

Conference languages:

Ukrainian, Russian and English.

Deadlines:

- 15.06.2016** – deadline for applications and abstracts (2 pages) submission to the conference;
- 01.09.2016** – deadline for payment of the registration fee;
- 15.09.2016** – sending of conference program;
- 03.10.2016** – registration, plenary session;
- 03–04.10.2016** – work of sections, cultural program;
- 05.10.2016** – plenary session, summarizing the conference.

Program Committee:

Chairman:

ZAGIRNYAK M.V. – Rector of Kremenchuk Mykhailo Ostrohradskyi National University, Kremenchuk.

Members of the Program Committee:

LUGOVOI A.V. – Prof., Kremenchuk.
LYASHENKO V.P. – Prof., Kremenchuk.
SAMOILENKO A.M. – Academician of National Academy of Sciences of Ukraine, Kyiv.
SACHENKO A.O. – Prof., Ternopil.
DYVAK M.P. – Prof., Ternopil.
LUCKYI G.M. – Prof., Kyiv.
ZHYKOV I.A. – Prof., Kyiv.
ZHOLTKEVYCH G.M. – Prof., Kharkiv.
SAVULA J.G. – Prof., Lviv.
GANDEL Y.V. – Prof., Kharkiv.
TODOROV M.D. – Prof., Sofia.

Секретар програмного комітету:

KOZHEMJAKA D.S. – Post-graduate student, Kremenchuk.

Organizing Committee:

Chairman:

NYKYFOROV V.V. – First Vice-Rector of Kremenchuk Mykhailo Ostrohradskyi National University.

Members of the Organizing Committee:

LUGOVOI A.V. – Prof., Kremenchuk.
LYASHENKO V.P. – Prof., Kremenchuk.
GUCHENKO M.I. – Prof., Kremenchuk.
LUKASHENKO V.V. – Associate prof., Kyiv.
SYDORENKO V.M. – Associate prof., Kremenchuk.
KOSTENKO P.P. – Associate prof., Kremenchuk.
KOBYLSKA O.B. – Associate prof., Kremenchuk.
DERIYENKO A.I. – Associate prof., Kremenchuk.

Secretary of Organizing Committee:

SLAVKO O.G. – Associate prof., Kremenchuk.

Conference Registration Procedure

List of materials to be sent:

- application for participation in conference. Application is made for all paper authors;
- abstracts (a two-page format A4, fields left, right, top, bottom are 2 cm, line spacing – single).

Requirements for abstracts:

1. Page format is A4.
2. Fields: 2 cm on all sides. All objects (tables, figures, equation) should not act outside the fields.
3. Orientation is Portrait.
4. Font is Times New Roman, color is black, size is 14 pt.
5. Line spacing is single.
6. Indent the first line of the paragraph is 1.25 cm.
7. The text should be formatted in the same style.
8. Abbreviation of words and phrases is not allowed.
9. Title, authors, postal address and email are placed at the beginning of the abstract. Title (capital letters in bold) are placed in the middle.
10. Reference list must be after text.
11. The presence of links to the literature (in square brackets) in the text is required. Source and pages are specified for citation.
12. Text alignment by width, without word wrapping. No underlines.
13. Rules of publications in the Bulletin of Kremenchuk Mykhailo Ostrohradskyi National University are on the site <http://www.kdu.edu.ua>.
14. Abstracts should contain following sections: ACTUALITY OF WORK, MATERIALS AND RESULTS, CONCLUSIONS, REFERENCES.

Requirements for figures (charts):

1. Figures are placed in the text, orientation is Portrait.
2. All objects must be black and white.
3. Figures should be numbered sequentially by Arabic numerals.
4. Figure captions are required.
5. Example of Figure captions:
Figure 1 – The temperature distribution

Requirements for equations:

1. Equation Editor is MathType. Placement is in the middle of line. Editor's options: string, major Greek letters and symbols is font Symbol, others is Times New Roman Cyr.

Normal size is 14 pt, large index is 8 pt, small index is 7 pt, great character is 14 pt, small character is 10 pt.

2. Equations are on separate lines, numbered sequentially in Arabic numerals and placed in parentheses at the level of the equation by right side.

Directly under the equation deciphering of symbols and numerical coefficients is placed, if they have not been explained earlier in the text. The first line of decoding starts with word "where" without a colon after it.

Above and below each equation one blank line should be left.

3. Transferring equations is allowed by mathematical signs that are repeated at the beginning and ending of the transferring line.

Requirements for tables:

1. Tables in Word are arranged on the text, orientation is Portrait.

2. Titles of tables are required.

3. In the table you may use a font size from 12 pt to 14 pt.

4. Tables should be numbered with Arabic numerals.

5. If the part of the table is transferred to another page, in the left corner of the "cap" of the table is written "Extension of Table" and its number. The title of the table is not repeated.

6. Example of table name:

Table 1 – Results of the comparison of the numerical calculations and measurements

Conference site: ibm.kdu.edu.ua/conference/

Abstracts are written in Microsoft Word 2003

text editor (format .rtf).

Materials should be sent via email to:

krnu_itmm@mail.ua

Publication of conference materials

Abstracts will be published before the conference beginning. Participants can print an article after the conference after the article review, in the Bulletin of scientific papers of Kremenchuk Mykhailo Ostrohradskyi National University. Rules and conditions of publications in the Bulletin are available on the site: www.kdu.edu.ua.

Authors are responsible for the contents of materials.

Contacts:

Kremenchuk Mykhailo Ostrohradskyi National University: +38 (05366) 3-00-50.

Kozhemjaka Dmytro: +38 (067) 69-79-814.

The registration fee is: full-time participation is 250 UAH, remote participation (poster) is 100 UAH, for students and post-graduate students is 100 UAH, for foreign participants is 100 EUR (poster is 50 EUR).

Organizing committee within 5 working days sends the letter with payment details by email to the author after receiving conference materials from author. Authors who have sent materials by email and have not received the confirmation of its accepting, please, resend your letter.

Cultural program of the conference is the boat trip on the Dnieper River in the regional landscape park "Kremenchuk marshes".

Travel, accommodation and meals are paid by participants their own. Accommodation can be booked in hotels of Kremenchuk.

MINISTRY OF EDUCATION
AND SCIENCE OF UKRAINE

KREMENCHUK
MYKHAILO OSTROHRADSKYI
NATIONAL UNIVERSITY

NATIONAL AVIATION UNIVERSITY

TERNOPII NATIONAL ECONOMIC
UNIVERSITY



4th UKRAINIAN CONFERENCE

***"Mathematical Modeling and
Mathematical Physics"***

devoted to the 215th anniversary of the birth
of Mykhailo Ostrohradskyi

INVITATION TO THE CONFERENCE

**3–5th of October, 2016.
Kremenchuk, Ukraine**