



Organizing Committee

IC MPMM 2018 Conference Office

Pidstryhach Institute for Applied Problems of Mechanics and Mathematics of NASU
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Web: <http://www.iapmm.lviv.ua/mpmm2018>

Requirements for the report design

One or two completely filled pages of the report should be prepared in a DOCX (or DOC) file format. The page size – A5 (148×210 mm), the margins – 15 mm, the typeface – Times New Roman, the line spacing – single, the paragraph indentation – 0,75 cm.

The page layout

- UDC (10 pt., left-justified);
- report title (10 pt., **bold**, CAPITAL LETTERS, centered);
- author(s)'s first name and family name (10 pt., **bold**, centered);
- affiliation(s) (9 pt., *italic*, centered);
- e-mail addresses of authors (9 pt, centered);
- main text of the report (10 pt.);
- references arranged in alphabetic order (9 pt., numbered list, authors's family names – *italic*).

The above-mentioned parts should be separated by one blank line.

For embedding formulas in the text it is allowed to use the formulas editor MathType (Microsoft Equation Editor) only. Its options are such:

styles: text, function, number – Times New Roman; variable – Times New Roman, *italic*; lowercase and uppercase greek, symbol – Symbol; matrix-vector – Times New Roman, **bold**;

sizes: ordinary – 10 pt.; index – 80%; small index – 60%, symbol – 150%, small symbol – 100%.

The pictures and charts are presented in the following formats: PNG, TIFF or JPEG.

The explanations of the pictures, charts and spreadsheets are given in the main body of the report. The spreadsheets captions are right-justified and the graphics captions are centered.

**National Academy of Sciences of Ukraine
Pidstryhach Institute for Applied Problems
of Mechanics and Mathematics
Ivan Franko National University of L'viv
National University "L'viv Polytechnic"
Ukrainian Society
of Material Fracture Mechanics**

**To 100-anniversary of
National Academy of Sciences of Ukraine**



**International Conference
on Modern Problems
of Mechanics and Mathematics**

*dedicated to 90-th birth anniversary of
Yaroslav Stepanovych Pidstryhach,
Academician of NASU*

and

*40-anniversary of the Institute for Applied
Problems of Mechanics and Mathematics of
NASU, founded by him*

May 22 – 25, 2018

L'viv, Ukraine

INVITATION

First Announcement

Pidstryhach Institute for Applied Problems of Mechanics and Mathematics of NASU and Ivan Franko National University of L'viv organize

International Conference on Modern Problems of Mechanics and Mathematics,

Dedicated to 90-th birth anniversary of **Yaroslav Stepanovych Pidstryhach**, Academician of NASU and 40-anniversary of the Institute for Applied Problems of Mechanics and Mathematics of NASU, founded by him.
May 22 – 25, 2018, L'viv, Ukraine

Scientific Program

The Conference will comprise plenary lectures, oral presentations, and poster sessions. It covers a wide spectrum of subjects related to the following topics:

1. Mathematical Modeling in Mechanics of Deformable Solids.
2. Mathematical Methods of Mechanics and Thermomechanics.
3. Mechanics of Non-Homogeneous Solids and Nanomechanics.
4. Mechanics of Contact Interactions, Solids with Cracks and Thin Inclusions.
5. Dynamics of Non-Homogeneous Environments.
6. Optimization and Design of Elements of the Constructions and Biomechanics Systems.
7. Strength and Fatigue of Materials.
8. Numerical Methods.
9. Theory of Functions and Functional Analysis.
10. Differential Equations and Mathematical Physics.
11. Algebra, Geometry and Topology.

Official Languages of the Conference will be Ukrainian, Russian and English.

For attendance and publication in the Conference Proceedings it is necessary to:

March 15, 2018 – Send the Abstracts and Registration Form at the Organizing Committee Address.

The Second Announcement will include all account numbers for recounting the organizing fee **150 EUR** (for accompanying person and for both junior scientists (under 35) and PhD students – **75 EUR**).

The organizing fee covers the organize expenses, Conference Program and Proceedings, social events, coffee breaks and reception.

Registration form and theses concerning the problems of mechanics (1–7) send, please, to confmech2018@gmail.com and the problems of mathematics (8–11) – to confmath2018@gmail.com.

More information, the electronic version of the registration form and the template for preparing the report is posted on the Conference website at:

<http://www.iapmm.lviv.ua/mpmm2018>

Co-chairmen: *R.M. Kushnir*
V.O. Pelykh

Scientific secretaries: *V.S. Pakosh*
N.M. Ivas'ko
N.S. Dzhaliuk

Registration Form IC MPMM 2018

Family name _____

First name _____

Patronymic _____

Degree _____

Academic rank _____

Position _____

Institution _____

Mailing address _____

Phone _____

E-mail _____

I wish to present a paper (author(s), title) _____

concerning the topic No _____

Date _____ Signature _____

If the report has several authors, the registration form is filled for each coauthor. The report title is indicated in the registration form of the corresponding author only.