



## INFORMATION ABOUT THESES

Two-page thesis of A5 page (148 mm x 210 mm) using Word 6.0/7.0/97/2000 and Equation Editor with 15 mm margins, 0.75 cm indentation and one-spaced. Please, use the Journal type font.

### The page layout

- ❖ Universal Decimal Classification (10 pt, to the left)
- ❖ Title of the presentation (10 pt, bold, center)
- ❖ Author(s)'s first name and name (10 pt, bold, center)
- ❖ Affiliation(s) including full mailing address (9 pt, italic, center)
- ❖ Main text of the presentation (10 pt)
- ❖ References enumerated and arranged in alphabetic order (9 pt, authors' names should be printed in italics)

The above-mentioned parts should be separated by one blank line. Figures should be presented using the original editor, figure explanations should be in the text of the paper. Tables should be formatted using Word 6.0/7.0/97/2000. Each table should start with a caption (Table #, 10 pt, bold, italic). Tables should be separated from the text by one blank line.

### Equation Editor Parameters

**Style:** text, function, number – Journal; variable – Journal, *Italic*, symbol – Symbol; matrix-vector – Journal, **bold**.

**Size:** ordinary – 10 pt, large index – 8 pt, small index – 6 pt, symbol – 15 pt, symbol index – 10 pt.

*Ukrainian National Academy of Sciences*  
*Pidstryhach Institute for Applied Problems*  
*of Mechanics and Mathematics*  
*Ministry of Education and Science of Ukraine*  
*Franko National University of L'viv*  
*Ukrainian Society*  
*of Material Fracture Mechanics*



**VIII International Conference**  
**on Mathematical Problems**  
**of Mechanics of Inhomogeneous**  
**Structures**

**September 14–17, 2010**

**L'viv, Ukraine**

**First Announcement**  
**and Call for Papers**

## Organizing Committee

### VIII IC MPMIS 2010 Conference Office

Pistryhach Institute for Applied Problems  
of Mechanics and Mathematics

Ukrainian National Academy of Sciences  
Naukova 3-b, 79060 L'viv, Ukraine

Tel.: +38 (032) 263-90-33, 263-53-70, 258-51-12

E-mail: [conference@iapmm.lviv.ua](mailto:conference@iapmm.lviv.ua)

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

Dear \_\_\_\_\_

The organizers invite you to participate in

**VIII International Conference  
on Mathematical Problems of Mechanics  
of Inhomogeneous Structures**

which will be held in L'viv on the basis of  
Pidstryhach Institute for Applied Problems of  
Mechanics and Mathematics, NASU and Ivan Franko  
National University of L'viv

**September 14 – 17, 2010**

The Conference will comprise plenary  
lectures, oral presentations and poster sessions on  
the following problems:

**Scientific Program**

1. **Mathematical Modeling in Mechanics of Deformable Solids.**
2. **Mathematical Methods of Mechanics and Thermomechanics.**
3. **Mechanics of Inhomogeneous Solids and Nanomechanics.**
4. **Mechanics of Contact Interaction, Solids with Cracks and Thin Inclusions.**
5. **Dynamic Problems of Mechanics of Inhomogeneous Structures.**
6. **Biomechanics.**
7. **Optimization and Design of Structure Elements.**

**Mini-symposia**

1. **Mathematical Problems of Fracture Mechanics** (dedicated to 80-th birth anniversary of prof. **H.S. Kit**, cor. member of NASU).
2. **Mathematical Modeling in Mechanics of Design Shell Elements and Constructions with Inherent Stresses** (dedicated to 70-th birth anniversary of prof. **V.A. Osadchuk**).
3. **Mathematical Models and Methods of Mechanics of Design Thin-Walled Elements** (in memory of prof. **B.L. Pelekh** and his 70-th birth anniversary).

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

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

**May 15, 2010** – Send the Completed Registration Form at the Organizing Committee Address.

**June 10, 2010** – Send the thesis, written according to the demands presented on the reverse side. The thesis will be reviewed.

**ORGANIZING FEE**

**150 USD** – fee per conferee included in the Conference Program.

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

**July 10, 2010** – Please, transfer the fee to: Prominvestbank of Ukraine via the bank-correspondent Deutsche Bank Trust Company Americas, New York, account number 04182382, Bank Code SWIFT: BKTRUS33, to be included in the account number 26002301416525 (840) (USD) of the branch “Zaliznychny department of Prominvestbank, Ukraine, L'viv”, MFO 325633 for IAPMM, NASU. The postscript “Organizing fee (family name, first name), participation in IC MPMIS”. Send, please, at the Organizing Committee Address a copy of the pay-sheet or a receipt of the mail transfer with the first name of the Conference participant.

The organizers offer accommodation in the hotels, which are recommended for the convenience of participants. The proposed hotels are:

“**Het'man**” ([http://www.inlviv.info/hotels/hotel\\_hetman](http://www.inlviv.info/hotels/hotel_hetman)),

“**Suputnyk**” (<http://www.suputnyk.com>),

“**Perlyna**” (<http://www.lviv-prestige-school.com.ua/hotel>).

**August 1, 2010** – If you want to book a room in the hotel, please, inform the Organizing Committee by fax, phone or e-mail.

**Organizing Committee**

*Chairman:* **R.M. Kushnir**

*Scientific secretary:* **V.S. Pakosh**

**VIII International Conference on Mathematical Problems of Mechanics of Inhomogeneous Structures**

**L'viv, Ukraine, September 14–17, 2010**

**REGISTRATION FORM**

Family name \_\_\_\_\_

First name \_\_\_\_\_

Patronymic \_\_\_\_\_

Degree \_\_\_\_\_

Academic rank \_\_\_\_\_

Position \_\_\_\_\_

Institution \_\_\_\_\_

Mailing address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

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

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Concerning the problem # \_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

Date \_\_\_\_\_ Signature \_\_\_\_\_

Not more than 2 papers from one participant are to be considered.

If there are several authors the Registration Form is to be filled in for each co-author, the title of the presentation being given only in the Registration Form of the author to correspond with.