

## AIM

The objective of the Conference is to provide a forum of distinguished and young researchers, who are involved in Applied Mathematics and Mechanics in order to stimulate the development of young scientists and to increase their level by means of alive communication, listening to lectures of senior colleagues and presetting own results.

## CONFERENCE MAIN TOPICS

- 1) Actual Problems of Solid Mechanics and Thermomechanics;
- 2) Mathematical Models and Methods of Mechanics of Nonhomogeneous Structures;
- 3) Mathematical Methods of Fracture Mechanics;
- 4) Mathematical Methods of Contact Mechanics;
- 5) Mathematical Problems of Dynamics of Nonhomogeneous Structures;
- 6) Actual Problems of Biomechanics;
- 7) Numerical Methods of Applied Problems in Mechanics and Mathematics;
- 8) Functional Analysis;
- 9) Algebra and Topology;
- 10) Differential and Integral Equations and its Applications;
- 11) Financial Mathematics and Mathematical Modeling in Economics.

## FORMAT OF CONFERENCE

The scientific program will consist of plenary sessions featuring invited lectures by distinguished speakers and sectional sessions with oral presentation of the contributed papers mainly by young scientists.

## PUBLICATIONS

The contributed papers after positive review will be published in Book of the Conference proceedings.

## REGISTRATION FEE

The registration fee, including a volume of the conference proceedings, refreshments during coffee breaks, is 30 EURO.

## DEADLINES & SUBMISSION

The persons interested in participation of the conference should submit by **March 25, 2004** to the Secretariat of the conference

- 1) Registration Fee and Filled Registration forms;
- 2) Two hard copies of the contributed paper formatted according to the guidelines;  
at address  
B. Monastyrskyy  
Pidstryhach Institute for Applied Problems of Mechanics and Mathematics, NASU  
3-b Naukova Str., Lviv, 79060, Ukraine
- 3) The WinWord \*.doc-file containing the text of the paper should be send via e-mail:  
chyt2005@iapmm.lviv.ua

## UPDATED INFORMATION

For updated information on the conference please visit the web-site:

<http://www.iapmm.lviv.ua/chyt2005>

## REGISTRATION FORM

Surname \_\_\_\_\_

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

Middle name \_\_\_\_\_

Scientific degree \_\_\_\_\_

Affiliation \_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

Phone \_\_\_\_\_

e-mail \_\_\_\_\_

Title of the paper, authors \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Topic No \_\_\_\_\_

## Return to

B. Monastyrskyy  
Pidstryhach Institute for Applied Problems  
of Mechanics and Mathematics, NASU  
3-b Naukova Str., Lviv, 79060,  
Ukraine

## PROGRAM COMMITTEE

**Prof. H. S. Kit** – Chairman  
**Prof. Ya. Y. Burak**  
**Prof. B. Y. Ptashnyk**  
**Prof. V. V. Hafiychuk**  
**Prof. O. R. Hachkevych**  
**Prof. M. M. Voitovych**  
**Prof. S. G. Kyyak**  
**Dr. Sci. R. M. Kushnir**  
**Dr. Sci. R. M. Martynyak**  
**Dr. M. V. Marchuk**  
**Dr. Sci. V. V. Mykhas'kiv**  
**Dr. V. V. Mishchenko**  
**Dr. B. Ye. Monastyrskyy** – Secretary  
**Prof. M. M. Nykolyshyn**  
**Prof. V. A. Osadchuk**  
**Dr. V. O. Pelykh**  
**Dr. V. M. Petrychkovych**  
**Dr. V. S. Popovych**  
**Prof. A. K. Prykarpatskyy**  
**Dr. Sci. Ye. Ya. Chaplya**  
**Dr. Sci. V. F. Chekurin**

## ORGANIZING COMMITTEE

**Dr. B. Ye. Monastyrskyy** – Chairman  
**Dr. O. Ye. Hentosh** – Cochairman  
**Mgr. S. P. Shevchuk** – Cochairman  
**Dr. Yu. V. Tokovyy** – Secretary  
**Dr. V. Ya. Lozynska**  
**Dr. H. I. Moroz**  
**Mgr. M. I. Rostun**  
**Mgr. M. M. Symotyuk**

## CALL FOR PAPERS

The contributed papers will be published in the Book of the conference papers. To ensure the uniformity the paper should be prepared using Microsoft Word processor. The text of 1-page or 2-page paper should be typed in Ukrainian or English, single spaced, on A5 148×210 sheet with a 1.5 margin on all sides.

### Text formatting guidelines

TITLE	Arial Narrow, 12, <b>Bold</b> , IN CAPITAL LETTERS, center
Surname N. N.	Times New Roman, 11, <b>Bold</b> , center
Affiliation, e-mail	Arial Narrow, 9, center
Body text	Times New Roman, 10, justified, the tabulation space 0.75 cm
Literature	Times New Roman, 9, justified, in order of referring
TITLE*	Arial Narrow, 10, <b>Bold</b> , IN CAPITAL LETTERS, center
Abstract*	Times New Roman, 9, <i>Italic</i> , justified

\*if the paper in Ukrainian, then perform this part in English and vice versa.

Every two parts of the text are separated by one empty line.

Figures inserted in the text must be submitted in separate file in one of the following formats: jpg, bmp, cdr, tif, gif.

Tables are created in Word Editor, Caption: *Table number*. *Title* (Times New Roman, 10, *Italic*, right).

Formulae are typed by Equation Editor. Centered. Numbering adjusted to the right. Parameters:

Full, Sub-symbol	10	Text, Function	Times New Roman
Subscript/superscript	80%	Variable	<i>Times New Roman</i>
Sub-subscript	60%	Matrix Vector	<b>Times New Roman</b>
Symbol	150%	Others	Symbol

It is strongly recommended to use the template of the paper, which may be downloaded from the web-site:

<http://www.iapmm.lviv.ua/chyt2005>

**Pidstryhach Institute for Applied  
Problems of Mechanics & Mathematics**

**Young Scientists Council**

**Young Scientists Conference  
ACTUAL PROBLEMS OF  
MECHANICS AND MATHEMATICS**

**in memory of  
academician Ya. S. Pidstryhach**

**YSC APMM – 2005**

**May 24–27, 2005  
Lviv**

**A N N O U N C E M E N T  
and  
C A L L f o r P A P E R S**