



Announcement

International scientific and practical conference

«RHEOLOGICAL MODEL AND PROCESSES OF DEFORMATION STRUCTURAL INHOMOGENEOUS MATERIALS»

30.05 – 03.06 2016

Lutsk - Svityaz, Ukraine

Ministry of Education and Science of Ukraine
Lutsk National Technical University
Institute of Problems of Materials behalf of I.M. Franzovich of NASU
Volyn Regional State Administration
Lutsk City Council
Western Scientific Centre of NASU
Physical-Mechanical Institute
behalf of G.V. Karpenko of NASU
National Technical University of Ukraine «KPI»
Uzhhorod National University
Ivano-Frankivsk National University of Oil and Gas
Khmelnytsky National University
Glyndŵr University (UK)
Brest State Technical University (Belarus)
Belarusian State Research and Production Concern of Powder Metallurgy (Belarus)
Varnovskyy Technical University (Bulgaria)
Lublin Polytechnic (Poland)
Riga Technical University (Latvia)
Armenian National Polytechnic University (Armenia)
Ukrainian Society of Materials and it's Volyn Centre
Technology Center "Union practices" (Germany)

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DEAR COLLEAGUES!

In 2016, co-organizers organize an international scientific-practical conference "**RHEOLOGICAL MODEL AND PROCESSES OF DEFORMATION STRUCTURAL INHOMOGENEOUS MATERIALS**" with the publication of conference materials. Full text of reports, recommended by the organizing committee (after reporting), that meet the requirements for specialized publications of Ukraine and formed according to requirements are published in the professional collection of scientific papers "Research Notes" and the journal "Technological complexes". The conference was scheduled to take place in a picturesque place of Volyn - in the National Park "Shatsky Lakes" on the lake "Svityaz".

Attention! During the conference is planned hear reports of completed dissertations on topics which coincides with the theme of the conference, to be published testing and issuing the certificates.

Can extramural participation in the conference with printing paper and 50% payment of the registration fee.

TOPICS OF CONFERENCE

1. Modern problems of physics and mechanics of materials that can operate in extreme conditions.
2. Continuum model, meso- and micro mechanics homogeneous materials.
3. Multi Scale modeling, granular and molecular dynamics, computational chemistry.
4. Metal, ceramic and composite materials of new generation.
5. Computer Materials Science and Applied Materials Science.
6. Information technology, expert systems and simulation modeling.
7. Mechanisms of implementing scientific researches in production on modern stage.
8. The hearing finished materials theses. (Optional).

PURPOSE OF THE CONFERENCE:

Focusing on the problems of materials science, the decision of that is related to the calls of present time. The special attention it is planned to spare to technologies of making and research of operating properties of wares with the use of composition, ceramic and grain-size materials.

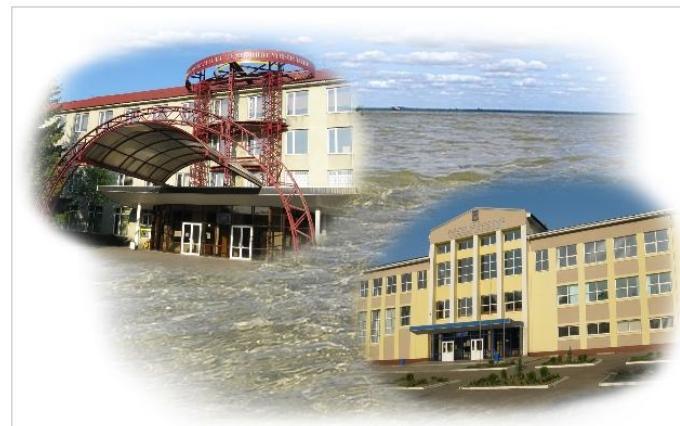
The exchange of information, experience and deepen knowledge, especially young scientists, PhD students and professionals in the field of modern problematic and methodology of structural - inhomogeneous materials.

Special attention will be paid to the use of computer technology in modeling and study of the structural and operational characteristics of modern materials engineering.

Will examine the characteristics and mechanisms of introduction of new resource - saving technologies with current forms of production.

LANGUAGES OF CONFERENCE:

Ukrainian, Russian and English



THE COST OF PARTICIPATION

For participation in a conference it is necessary before 20.04.2016:

1. To transfer for publishing abstracts of each report in the collection of the conference and for organizational costs a fee in the amount equivalent to **15 ^** (including VAC)

For legal entity: Lutsk NTU Bank SCSU t. Kyiv, MFO 820172 recipient, p / 31251203117820

For individuals: Lutsk SC «Raiffeisen Bank Aval», MFO 325570 identical code 2532404301, account of receiver № 26253195099, refill of account KR № 1072584400 to Bogko T.E.

Be sure to write: «The payment is for SPC -VI» and name of the author.

2. To send a copy of payment order about transfer of registration fee, abstracts, prepared according to requirements.

REQUIREMENTS AND SAMPLE PAPERS POSTED

AT:

notatki.com.ua

<http://www.lntu.edu.ua>

<http://kpvtm.lutsk.ua>

Attention! Registration Form must be sent to the Organizing Committee before April 1 2016 to executive secretary **Kuts Yuliia Vasylivna**

E-mail: notatki@ukr.net; tel. +380661891173

or register on the site
<http://kpvtm.lutsk.ua>.

Articles sent technical secretary

Savyuk Igor Vitaliiovych

E-mail: notatki@ukr.net; tel. +380953152172

Deadline for receipt of abstracts 20 April, 2016.

For more information on the organization of the conference posted on the website of the Lutsk NTU

www.lutsk-ntu.com.ua

and on the Department KPV TM website

<http://kpvtm.lutsk.ua>.

THE EXAMPLE OF ARTICLE

УДК: 620.179.16

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Lutsk National Technical University¹

Ternopil National Technical University²

AXIS APPROXIMATE DEFINITION OF CONOID DESCRIBED BY THE SET OF STRAIGHT LINES

The algorithm of axis approximate definition of conoid described by the set of straight lines is made. The approximate conoid axis is a lane. Conoid is created by straight lines.

Keywords: conoid axis, discretely carcass of straight lines.

I.I. Ivanov, P.P. Petrov

НАБЛИЖЕНЕ ВИЗНАЧЕННЯ ОСІ КОНОЇДА, ПРЕДСТАВЛЕНОГО ДИСКРЕТНИМ КАРКАСОМ ТВІРНИХ

Розроблено алгоритм наближеного визначення осі коноїда, представленого дискретним каркасом спільних твірних.

Ключові слова: вісь коноїда, дискретний каркас, твірна.

И.И. Иванов, П.П. Петров ПРИБЛИЖЕННОЕ ОПРЕДЕЛЕНИЕ ОСИ КОНОИДА, ПРЕДСТАВЛЕННОГО ДИСКРЕТНЫМ КАРКАСОМ ОБРАЗУЮЩИХ

Разработан алгоритм приближенного определения оси коноида, представленного дискретным каркасом общих образующих.

Ключевые слова: ось коноида, дискретный каркас, образующая.

Problem. In conoid presented discrete frame generators, you can build a lot of flat and spatial

Analysis of latest research and publications.
To our knowledg the author of

Setting targets. The paper objective - to develop an algorithm

Presentation of the material. To determine the approximate axis conoid used this property: Generating all surfaces intersects its axis [1].

$$Y_j = \frac{1}{K} \sum_{i=1}^n Y_{ji}, \quad (1)$$

Where K -



Figure 1. Name of the Figure

Table 1.
Title of table

№п /п	Factors	
	X ₁	X ₂

Conclusions. In the article the algorithm.....

References:

- Гуляев К.В. Математические модели и моделирование. К.В. Гуляев – М: Металлургия, 1970. С. 47-71.

Name, position office, academic degree, academic status of article reviewers.

The article may be made in **Ukrainian, Russian or English**. The article should be typed in a text editor is not lower than MS WORD 97/03, A4 (297x210 mm). Page numbers not perform. The paper of 5-9 pages.

Page Setup: top, bottom left and right - 2 cm, right margin 2.5 cm. From the top edge to the footer - 1,25 cm, bottom - 1.25 cm.

APPLICATION

for participating in conference

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Academic degree and a scientific degree:

The organization, department, position office:

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Title or article:

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I wish to make plenary, sectional and bench presentations; an absentee participating (underline).

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