



## THE FIRST

### *informational announcement*

# VII International scientific and practical conference "Theoretical and experimental researches in modern technologies of materials science and machine-building"

(UkrISTEI certificate №715 dated from 26.12.2018)

**20.05 – 23.05 2019**

**Lutsk – Svityaz, Ukraine**

**Ministry of Education and Science of Ukraine**

**Institute for Problems in Materials Science**

**named after I.M. Frantsevych of NASU**

**Lutsk National Technical University**

**Western Scientific Centre of NASU**

**Lutsk City Council**

**National Technical University of Ukraine "Igor**

**Sikorsky Kyiv Polytechnic Institute"**

**Ternopil Ivan Puluj National**

**Technical University**

**Vinnitsia National Technical University**

**Uzhhorod National University**

**Ivano-Frankivsk National University**

**of Oil and Gas**

**Institution of materials and technology,**

**Guangzhou (China)**

**Brest State Technical University (Belarus)**

**Glyndŵr University (UK)**

**Varnovskyy Technical University (Bulgaria)**

**Lublin Polytechnic (Poland)**

**Krakov Mining and Metallurgical Academy**

**named after S. Stashitsa (Poland)**

**DNU «Powder Metallurgy Institute**

**named after O.V. Roman» (Belarus)**

**Istanbul Technical University (Turkey)**

**Polytechnic Institute of Braganca (Portugal)**

**Ukrainian Society of Materials and it's Volyn**

**Centre**

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**Savchuk P.P. Lutsk NTU**

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Buratovsky T. (Poland)

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Krachunov H. (Bulgaria)

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Nakamura T. (Japan)

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Frolov G.A. (Ukraine)

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Shymchuk S.P. (Ukraine)

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Somov D.O. (Lutsk NTU)

Student O.Z. (FMI NASU)

Chetverguk T.I. (Lutsk NTU)

## DEAR COLLEAGUES

In 2019, in the picturesque corner of Volyn, co-organizers spend an international scientific and practical conference **"Theoretical and experimental researches in modern technologies of materials science and machine-building"** on the territory of the National Park "Shatsky Lakes" on the shore of Svityaz Lake, with the publication of articles. Articles applied according to requirements will be published in the professional collection of scientific works "Scientific Notes", and in the journal "Computer Information Technologies: Education, Science, Production". **The volume of the article –up to 8 pages.** Additional cost 30 UAH for each additional page.

**ATTENTION!** During the conference, it is planned to hear reports of completed dissertation researches, topics of which coincide with the theme of the conference, in order to make them publicly tested and issue the appropriate certificate.

## TOPICS OF CONFERENCE

- A. Principles of design of materials and coatings for operating in extreme conditions.
- B. Structure and properties of materials and coatings for operating in extreme conditions.
- C. Advanced technologies for obtaining and connecting materials and products that work in extreme conditions.
- D. Computer modeling of the processes of obtaining materials and coatings for operating in extreme conditions.
- E. Rheological models and deformation processes of structural-non-uniform materials.
- F. Theoretical and experimental researches in technologies of modern mechanical engineering.
- G. Mechatronics. Development of automated electromechanical systems.

## PURPOSE OF THE CONFERENCE:

Focusing on the problems of materials science, the decision of which 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. It's expected the exchange of information, experience and deepen knowledge, especially for 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 engineering. Also it will be examined characteristics and mechanisms of introduction of new resource and saving technologies with current forms of production.

**It is possible the distance participation in the conference with the publication of the article and 50% in payment of the organizational fee.**

## LANGUAGES OF THE CONFERENCE:

**Ukrainian, Russian and English**

## THE COST OF PARTICIPATION

For participation in the conference it is necessary before 01.05.2019:

1. Fill in and send to the organizing committee an application for participation in the conference and materials applied in accordance with the requirements.
2. To transfer the payment for the publication of the article and for the organization costs of the conference in the amount equivalent to **20 €**. (including VAC), Recipient: Lutsk NTU, USREOU code 05477296, on current account

3125832217820, STSU Kyiv, MFO 820172 – *for legal entity or*

Lutsk JSC CB "PrivatBank", MFO 305299, identification code (USREOU) 14360570, account of recipient № 29244825509100, account replenishment KR № 5168 7573 9025 6057 for Savjuk I.V. – *for individuals. Specify the purpose of the payment "conf.7. "Theoretical and experimental researches in modern technologies of materials science and machine-building" (obligatory author's name).*

3. Send a copy of the payment order about transfer of the organizational fee.

**Attention! 1. In case of payment of the registration fee during registration, articles of the authors will be published in the next issue of the collection "Scientific Notes".**

**2. It is possible the distance participation in the conference in case of 50% in payment of the organizational fee.**

**Attention to authors of articles** - Mandatory requirement for the publication of articles is the conclusion of an agreement between the editorial staff and authors to guarantee the absence of plagiarism in submitted materials.

## INFORMATION, REQUIREMENTS AND EXAMPLE OF THE FORMATION OF ARTICLES ARE AVAILABLE ON WEB-SITES

<http://notatki.com.ua>

<http://lutsk-ntu.com.ua>

<http://pm-lntu.lutsk.ua>

**Attention!** The application for participation in the conference and materials should be sent **before May 1, 2019** to the responsible secretary **Savyuk Igor Vitaliyovych**

e-mail: [notatki@ukr.net](mailto:notatki@ukr.net); mobile: +3 8 095 3152172

Additional information on organizing the work of the conference, please contact the technical secretary of the conference **Zubovetska Natalia Tarasivna**.

e-mail: [nata12342012@ukr.net](mailto:nata12342012@ukr.net); mobile: +3 8 050 4381113  
and on web-site <http://pm-lntu.lutsk.ua>

## REGISTRATION CARD OF PARTICIPANT

VII International scientific and practical conference "Theoretical and experimental researches  
in modern technologies of materials science and machine-building"

20.05 – 23.05 2019

(Lutsk – Svityaz Lake)

Surname, name, patronymic	
Scientific degree	
Academic rank	
Position	
Department	
Job institution (higher educational institution, department without abbreviations)	
Direction of scientific activity	
E-mail	
Job telephone number	
Mobile telephone number	
ID (in the system of scientific identification - ORCID)	
Title of the report	
Section	



