**National Academy of Sciences of Ukraine (NASU)**

**Chinese Academy of Sciences (CAS)**

**Ningbo State Administration**

**Frantsevich Institute for Problems of Materials Science of NASU (IPMS)**

**Ningbo Institute of Materials Technology and Engineering (CNITECH)**

# **10-th INTERNATIONAL CONFERENCE**

**“ADVANCED MATERIALS AND TECHNOLOGIES:**

**FROM IDEA TO MARKET”**

**24-26 October,2018, Ningbo, China**

**First Announcement**

10-th International Conference **“ADVANCED MATERIALS AND TECHNOLOGIES: FROM IDEA TO MARKET”,** sponsored by National Academy of Sciences of Ukraine (NASU), Chinese Academy of Sciences (CAS), and Ningbo Municipal Government, will be organized by Frantsevich Institute for Problems of Materials Science of National Academy of Sciences of Ukraine (IPMS NASU) and Ningbo Institute of Materials Technology and Engineering of Chinese Academy of Sciences (CNITECH CAS) and Ninghai County Government under the support of Ningbo Frantsevich Material Research Institute and Chinese Science and Technology Center of IPMS NASU.

The idea of this conference is based on traditions of two previous big International Materials Science Forums: “Materials and coatings for extreme environments” and “International conference on hydrogen materials science and chemistry of carbon nanomaterials”, which were organized in Crimea (Ukraine) since 2000 and 1987 respectively.

Ningbo is a unique city that takes new materials industry as the first pillar industry. It has planned the largest new material science and technology campus in China, occupying an area of 55 square kilometers. The CNITECH of CAS is a leading research institute in transforming R&D achievements of new materials into industrial applications.

This international conference will accelerate the international cooperation of China and Central and Eastern Europe in the fields of science and technology, materials science innovations, personnel training and transfer of scientific and technological achievements in the field of new advanced materials. One of the peculiarities of this conference is the organization of joint applied scientific sessions with the representatives of Chinese industrial sector with the possibility of discussions of the main points of technical requirements from industry and the way of their achievements from scientific community. Such joint cooperation is the base of innovative development in domestic and international scale.

**THE MAIN CONFERENCE TOPICS** (title of sessions):

A. Metal-based materials and composites.

B. Magnetic materials.

C. Ceramic-based materials and composites.

D. Polymer-based materials and composites.

E. Advanced technologies for recycling of industrial wastes.

F. Materials and technologies for extreme environments including coatings.

G. Biomaterials and biotechnologies.

H. Materials for hydrogen technologies and fuel cells.

I. Materials for energy applications

J. Nanomaterials and nanotechnologies.

K. Technical needs and requirements for new materials from industrial representatives of China.

L. Scientific, organization and information problems of cooperation between scientists in the field of materials science.

**GENERAL CHAIRS**:

Yuriy Solonin -Academician of National Academy of Sciences of Ukraine, Prof., Director of IPMS NASU

Zhengren Huang- Prof., Director of CNITECH

**TECHNICAL PROGRAM CHAIRS**:

Gennadii Bagliuk –Prof., Dr. of Sciences, Deputy Director of IPMS NASU

Runwei Li – Prof., Deputy Director of CNITECH

**CONTACTS WITH UKRAINIAN NATIONAL ORGANIZATION GROUP**:

Dr. Iryna Bilan, IPMS NASU

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**CONTACTS WITH CHINESE NATIONAL ORGANIZATION GROUP**:

Xuxia Zhao, CNITECH

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**OFFICIAL LANGUAGE OF THE CONFERENCE – ENGLISH**

Forum activity will be organized in the form of plenary, keynote, oral and poster presentations.

Abstracts should be submitted by e-mail address:

[belanira2014@gmail.com](mailto:belanira2014@gmail.com)

in the form of docx file with the title amt\_name.docx, (for example amt\_bilan@docx) with following necessary information

*Title of presentation*

*Names of authors*

*Affiliations*

*Text of abstract should be presented without figures, tables, references with total volume not more than 2000 signs*

All abstracts will be presented at conference web-site and may be considered as electronic publication.

After the text of abstract it is necessary to give information about **presenting author** as the following table

# **information about the authors**

|  |  |  |
| --- | --- | --- |
| Report title: |  | |
| Presentationtype | Oral | Poster |
| Index of session: |  | |
| **Authors:** | | |
| Last name: |  | |
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| Postal address: |  | |
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| Are you going to submit full text paper | Yes □ No □ | |

Publication of full text materials will be performed in the form of Conference proceedings.

Full text materials should be submitted by e-mail address after the letter of acceptence:

[belanira2014@gmail.com](mailto:belanira2014@gmail.com)

**IMPORTANT DEADLINES:**

Submission of abstracts - August 20, 2018

Notification about acceptance - August 27, 2018

Submission of full-text articles - September 15, 2018