



**XVI** Minsk International Heat and Mass Transfer Forum

dedicated to the **70th** anniversary of A.V. Luikov Heat and Mass Transfer Institute,  
to the **110th** Birthday Anniversary of Academician A.V. Luikov  
and the **90th** Birthday Anniversary of Academician R.I. Soloukhin

**May 16-19**, 2022. Minsk, Belarus



# THE FIRST ANNOUNCEMENT

## ORGANIZERS OF THE FORUM

National Academy of Sciences of Belarus; State Committee for Science and Technology of the Republic of Belarus; Ministry of Education of the Republic of Belarus; A.V. Luikov Heat and Mass Transfer Institute of the National Academy of Sciences of Belarus;

Branch of Power Engineering, Mechanical Engineering, Mechanics, and Management Processes of the Russian Academy of Sciences; Ministry of Education and Science of Russia S.S. Kytateladze Institute Thermal Physics Siberian Branch of the Russian Academy of Sciences; National Committee for Heat and Mass Transfer of the Russian Academy of Sciences; Institute of Engineering Thermophysics of the National Academy of Sciences of Ukraine; International Center for Heat and Mass Transfer.

## INTERNATIONAL SCIENTIFIC COMMITTEE

 O. Penyazkov (Belarus) Chairman  
 V. Astashinskii (Belarus) Co-Chairman  
 N. Pavlyukevich (Belarus) Co-Chairman  
 N. Bazylev (Belarus) Scientific Secretary  
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 Kh. Alkhussan (Saudi Arabia)  
 M. Alymov (Russia)  
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 Z. Mansurov (Kazakhstan)  
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 S. Radev (Bulgaria)  
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 Yu. Snezhkin (Ukraine)  
 I. Tari (Turkey)  
 V. Terekhov (Russia)  
 L. Vasiliev (Belarus)  
 J. Vilemas (Lithuania)  
 V. Yagov (Russia)  
 L. Yanovskii (Russia)  
 H. Yoshida (Japan)  
 S. Zhdanok (Belarus)

## STRUCTURE OF THE FORUM

The Forum will include the Plenary Sessions, the sections with oral and poster presentations, round tables, and lectures.

## SUBJECTS COVERED BY THE FORUM

### Traditional

- Convective-radiative heat transfer
- Heat and mass transfer in phase and chemical transformations
- Heat and mass transfer in power engineering and technologies

### Novel

- Heat and transfer processes in nano- and microstructure systems
- High-temperature heat and mass transfer, plasma systems and technologies
- Heat and mass transfer at synthesis of new materials
- Thermal regulation of optical and electronic systems
- Simulation and control of heat and mass transfer processes

## WORKING LANGUAGES OF THE FORUM

The working languages will be English and Russian. Simultaneous translation will be provided for plenary presentations.

## REQUIREMENTS TO THE PAPERS

The program of the Forum will primarily include conceptual papers with new ideas and approaches, analytical reviews, reports and communications containing the results not published earlier. Papers dealing with the mechanics problems not directly associated with heat transfer, as well as contributions on thermophysical properties of the matter will not be accepted.

## SUBMISSION AND SELECTION OF PAPERS

Paper selection will be based upon review of extended abstracts. The abstract of up to 4 pages of A4 format prepared according to the template on the Forum website: [www.mif16.itmo.by](http://www.mif16.itmo.by) is to present clearly the contents of the paper (communication).

The deadline of abstract submission is **December 10, 2021**.  
Information on acceptance will be sent by **January 20, 2022**.  
The deadline for receipt of camera-ready manuscripts is **March 15, 2022**.

## PUBLICATION OF THE PROCEEDINGS OF THE FORUM

By the time of the Forum, the Organizing Committee is planning to print a E-Book of Extended Abstracts in the original language. The papers (maximum 10 pages) and communications (maximum 5 pages) in the original language will be available on USB flash drive 8 GB with logo. The plenary and keynote papers, selected materials of section meetings will be recommended for publication in the «Journal of Engineering Physics and Thermophysics», «Heat Transfer Research», «High Temperature Material Processes».

## CORRESPONDENCE

If you wish to participate in the Forum, please fill in the attached registration form and send it to the address:

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National Academy of Sciences of Belarus  
Organizing Committee MIF-XVI

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Forum web site: [www.mif16.itmo.by](http://www.mif16.itmo.by)

## INFORMATION FOR THE PARTICIPANTS OF THE MIF-XVI FORUM

### 1. Requirements to the abstracts

The abstracts submitted to the Forum must have the Universal Decimal Classification (UDC) index, followed by the title of the work, names and initials of the authors, affiliation of the authors. The text of the abstracts should not exceed 4 pages of A4 format. For typesetting it is recommended to use Word 2003 with font Times New Roman, size 12.

2. The registration fee (in currency equivalent) is **24 000 RUB**, for post graduates **12 000 RUB**. The additional information necessary for participation in the Forum will be presented in the next communication.

## LOCAL ORGANIZING COMMITTEE

O.G. Penyazkov - Chairman  
V.R. Astashinskii - Co-Chairman  
N.V. Pavlyukevich - Co-Chairman  
N.B. Bazylev - Executive Secretary

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