

# XXV International Conference «Plasma Surface Interaction»

27-28 January 2022

**Organization:** National Research Nuclear University MEPHI

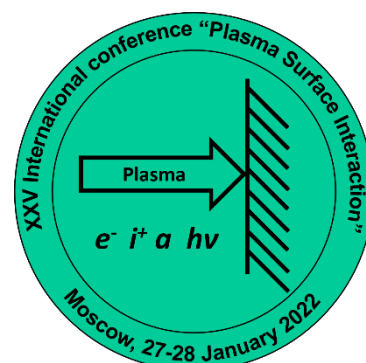
**Chairman of organizing committees:**

Dr. Gasparyan Yury, head of plasma physics department at NRNU MEPHI, [ymgasparyan@mephi.ru](mailto:ymgasparyan@mephi.ru), (499)788-56-99 ext. 9983

**Secretary of the conference:**

Dr. Sinelnikov Dmitry, associate professor of plasma physics department at NRNU MEPHI, [dnsinelnikov@mephi.ru](mailto:dnsinelnikov@mephi.ru),

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## Overview

The current conference is the 25<sup>th</sup> scientific forum organized by NRNU MEPHI devoted to plasma surface interaction in fusion and other technological devices. The conference will be held in a remote mode via video conference systems. The possibility of a face-to-face event will be considered based on the epidemiological situation at the time of the conference. The conference program and a link to the virtual room will be published on the conference website.

### Main topics

- ✓ Plasma-surface interaction in fusion devices;
- ✓ Materials and manufacturing technologies for plasma-facing elements;
- ✓ Fundamental processes of plasma-surface interaction and methods of surface diagnostics;
- ✓ Simulation of plasma-surface interactions and processes at the peripheral plasma of tokamaks;
- ✓ Devices for the study of plasma-wall interaction;

- ✓ Diagnostics of materials for fusion devices based on synchrotron and neutron radiation;

### Registration

Conference participants have to fill out the registration form on the conference website or send the following information to [psi@plasma.mephi.ru](mailto:psi@plasma.mephi.ru):

1. First name, Second Name
2. E-mail
3. Academic degree
4. Affiliation
5. Position
6. Title of the report

### Conference website:

<http://plasma.mephi.ru/ru/psi2022en>

### Abstract submission

The book of abstracts will be published before the start of the conference. The abstract is limited to 4 pages. Abstract template "PSI\_abstract.doc" can be found on the conference website. Abstracts should be submitted to [psi@plasma.mephi.ru](mailto:psi@plasma.mephi.ru). Submission deadline – **31<sup>st</sup> December**. Participants will have **the opportunity to publish accepted manuscripts** in peer-reviewed journals indexed in Scopus and Web of Science.