

## **First letter of information**

### **Dear colleagues!**

According to the decision of the joint meeting of the Scientific Council of the Russian Academy of Sciences on problems of charged particle accelerators and the program committee of the RUPAC 2023 conference, the next RUPAC 2025 conference will be held by the D.V. Efremov Research Institute of Electrophysical Equipment (JSC NII EFA), which will be dedicated to the 80th anniversary of the institute and the 80th anniversary of the nuclear industry.

### **The conference will be held in St. Petersburg from September 15 to 19, 2025**

Conference program:

- Current trends in accelerator technologies
- Colliders
- Beam dynamics, new approaches to particle acceleration
- Accelerators with high intensity of the accelerated beam
- Heavy ion accelerators
- Synchrotron radiation and free electron laser facilities
- Main systems of accelerators and accelerating complexes:
  - Magnetic and magneto-optical systems
  - Accelerating systems
  - Automated control systems
  - Systems for diagnostics of accelerated beam parameters
  - Vacuum systems, thermal stabilization systems, etc.
- Superconducting technologies in accelerator technology
- Microwave accelerating systems and devices for their power supply
- Ion, electron and positron sources
- Applied applications of accelerators:
  - Accelerators for photon therapy
  - Accelerators for proton, hadron and neutron therapy
  - Accelerators for sterilization and radiation processing of materials
  - Accelerators for applied research

### **Conference Program Committee:**

Chairman Gavrish Yu.N. (JSC NIIIEFA)  
Co-chairmen: Meshkov I.N. (JINR), Ivanov S.V. (NRC KI – IHEP)  
Deputy Chairman Filatov O.G. (JSC NIIIEFA)  
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Levichev E.B. (Budker INP)  
Vinokurov N.A. (Budker INP)  
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Zavialov N.V. (RFNC-VNIIEF)  
Ovsyannikov D.A. (SPbSU)  
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### **Conference Organizing Committee:**

Chairman Gertsog S.V., Director General of JSC NIIIEFA  
Deputy Chairman Gavrish Yu. N. (JSC NIIIEFA)

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The purpose of the conference: exchange of information and discussion of issues of accelerator science and technology, charged particle beam physics, development of new projects of lepton and hadron colliders, improvement of existing facilities, use of accelerators for scientific and applied purposes, involvement of young scientists in solving problems of accelerator technology.

Working languages of the conference are English and Russian. Demonstration materials of the oral report (slides) are recommended to be presented in Russian or English in Microsoft Power Point or Adobe PDF format. Report in Russian or English. More detailed information will be provided in the second information message.

Conference regulations: the program will consist of oral reports and poster presentations. It is also planned to hold a competition for the best report among young scientists - conference participants up to 35 years old inclusive. More detailed information on the requirements for abstracts will be provided in the second information message.

## **DEADLINES**

First Announcement	by November 25, 2024
Second Announcement	by January 25, 2025
Abstract Submission	by July 20, 2025
Registration of Participants	by July 20, 2025
Notification from the Program Committee on the Call for Papers and the Submission Form	by July 20, 2025
Publication of the Conference Program	by September 1, 2025

Director General  
JSC NII EFA

Sergei Gertsog