

Scientific Council for Charged-Particle Accelerators
of the Russian Academy of Sciences
Institute for High Energy Physics
of the National Research Centre “Kurchatov Institute” (NRC KI – IHEP)
Joint Institute for Nuclear Research (JINR)
Budker Institute of Nuclear Physics (BINP SB RAS)

**XXVI Russian Particle Accelerator Conference
RuPAC-2018**

October 1–5 2018, Protvino, Moscow Region, Russia

1st ANNOUNCEMENT & CALL FOR PAPERS, revised April 16, 2018

The Organizing and Program Committees invite you to take part in the XXVI Russian Particle Accelerator Conference RuPAC-2018.

Goal

Goal of the event is to facilitate information interchange and discussion of various aspects of accelerator science and technology, beam physics, new accelerator development, upgrade of existing facilities, and use of accelerators for basic and applied research.

Conference topics

1. Modern trends in accelerators
2. Colliders
3. Particle dynamics in accelerators and storage rings, cooling methods, new methods of acceleration
4. High intensity cyclic and linear accelerators
5. Heavy ion accelerators
6. Synchrotron radiation sources and free electron lasers
7. Magnetic and vacuum systems, power supplies
8. Superconducting accelerators and cryogenics
9. RF power structures and systems
10. Control and diagnostic systems
11. Ion sources and electron guns
12. Medical and industrial applications
13. Radiation problems in accelerators
14. Special Presentations (without classification)

Dates

The Conference will be held in the period of Monday, October 1 – Friday, October 5, 2018.

Location

The Conference will take place in the Institute for High Energy Physics of the National Research Centre “Kurchatov Institute” (NRC KI – IHEP) located in Protvino, Moscow region, some 120 km southward of Moscow. The expected attendance is around 150 persons. The participants will be accommodated in the local hotel PROTVA.

Conference schedule

The Conference timetable foresees invited review reports (30 + 5 min), oral presentations (20 + 5 min), and poster (140 x 70 cm²) sessions. The official languages are Russian and English. There will be no simultaneous translation in either direction. Texts of posters and slides should be typed in English, while oral talks by the domestic participants will be, basically, reported in Russian.

Other details

Guidelines for abstract submission, paper publication, registration, deadlines and conference fee will be announced in the 2nd announcement.