



XXVII RUSSIAN PARTICLE ACCELERATOR CONFERENCE RuPAC-2021

26 September – 2 October 2021

FIRST CONFERENCE ANNOUNCEMENT

ORGANIZED BY

Joint Institute for Nuclear Research
Scientific Council of Russian Academy of Sciences on Charged Particle Accelerators

SUPERVISORY COMMITTEE

Chairman — G. Trubnikov (JINR)
Co-Chairman — B. Sharkov (JINR)
B. Gikal (JINR)
S. Dmitriev (JINR)
I. Meshkov (JINR)
G. Shirkov (JINR)

PROGRAM COMMITTEE

Chairman — I. Meshkov (JINR)
Co-Chairman — B. Sharkov (JINR)
Scientific Secretary — A. Philippov (JINR)
Secretary — E. Ahmanova (JINR)
S. Ivanov (IHEP, NRC KI)
S. Polozov (NRNU MEPhI)
V. Korchuganov (NRC KI)
E. Levichev (BINP SB RAS)

Yu. Gavrish (JSC NIEFA)
N. Zavyalov (RFNC-VNIIEF)
V. Parkhomchuk (BINP SB RAS)
A. Feshchenko (INR RAS)
T. Kulevoy (ITEP, NRC KI)
D. Ovsyannikov (SPBU)
L. Kravchuk (INR RAS)
O. Lebedev (IHEP, NRC KI)

ORGANIZING COMMITTEE

Co-Chairman — G. Shirkov (JINR)
Co-Chairman — B. Gikal (JINR)
Deputy chairman — S. Yakovenko (JINR)
Secretary — O. Belova (JINR)
D. Kamanin (JINR)
M. Kuzin (BINP SB RAS)
A. Popeko (JINR)
A. Philippov (JINR)
M. Kazarinov (JINR)
R. Pivin (JINR)



VENUE

The conference will be held from 26 September to 2 October 2021 in the “Dubna” Resort Hotel of the Joint Institute for Nuclear Research in Alushta, Crimea (<http://dubna-crimea.ru>). The check-in at the “Dubna” Resort Hotel will take place on 26 September. The conference working days are from 27 September (Monday) to 1 October (Friday), the departure date is 2 October.

GOAL OF THE CONFERENCE

The conference goal is the sharing of information and discussion on various aspects related to accelerator science and technology, beam physics, new accelerator development leptons and hadron colliders, upgrade of existing facilities, and use of accelerators for basic and applied research.

OFFICIAL LANGUAGES

The working languages of the RuPAC-2021 are English and Russian.

TOPICS

- Modern trends in accelerator technology.
- Colliders.
- Beam dynamics in accelerators and storage rings, methods of cooling, new methods of acceleration.
- Cyclic and linear accelerators of high intensity.
- Heavy ion accelerators.
- Synchrotron radiation sources and free electron lasers.
- Magnetic systems, power supply systems and vacuum accelerator systems.
- Superconducting technologies in accelerators.
- Accelerating structures and powerful radio engineering.
- Control and diagnostic systems.
- Ion sources and electron guns.
- Accelerators for medicine and applied purposes.
- Radiation problems at accelerators.

REGISTRATION

All participants and accompanying persons must register on the conference website <http://rupac21.jinr.ru>. Reports must be registered on the JACoW website (the link will be given on the conference website later).

SESSIONS AND RULES

The conference program will consist of oral presentations (20-30 min.) and poster presentations. The presentations must be provided on USB flash drive in Adobe PDF or MS PowerPoint format in English. The recommended poster size is $120 \times 90 \text{ cm}^2$. It is planned to hold a competition for the best report for young (under 35 years old) participants.

ABSTRACTS SUBMISSION AND PUBLICATIONS

The RuPAC conference is member of the international JACoW system, bringing together about 30 accelerating conferences in all directions. The conference proceedings are posted according to a single standard in the JACoW depository. In order to include a report (invited, oral and poster) in the conference program, the report abstract must be submitted to the conference Organizing Committee via the SPMS (Scientific Program Management System). Abstracts should not exceed 1200 characters. The authors will be informed about the decision of the Program Committee on the report status. The link for SPMS will be announced later on the conference website.

REGISTRATION FEE

The registration fee for participants and accompanying persons will be determined in the 2nd bulletin. The registration fee includes expenses of the Conference Organizing Committee, payment for the conference set, expenses for tea and coffee between sessions, cultural program and a welcoming reception.

DATES AND DEADLINES

Participants registration	15 March 2021 — 1 June 2021
Abstract submissions	1 July 2021
Notification of acceptance	15 July 2021

CONTACTS

Scientific Secretary
Alexandr PHILIPPOV
JINR, 6 Joliot-Curie St., Dubna
141980, Moscow Region, Russia
tel.: +7 496-216-62-39
e-mail: philippov@jinr.ru

Secretary
Olga BELOVA
JINR, 6 Joliot-Curie St., Dubna
141980, Moscow Region, Russia
tel.: +7 496-216-55-82
e-mail: omatyukhina@jinr.ru

Secretary of the Program Committee
Ekaterina AKHMANOVA
JINR, 6 Joliot-Curie St., Dubna
141980, Moscow Region, Russia
tel.: +7 496-216-44-92
e-mail: rupac21@jinr.ru

Responsible for publications on JACoW
Maxim KUZIN
BINP SB RAS, Ave. Lavrentieva, 11
630090, Novosibirsk, Russia
tel.: +7 383-329-41-67
e-mail: M.V.Kuzin@inp.nsk.su