

Объединение молодых ученых и специалистов ОИЯИ Association of Young Scientists and Specialists of JINR

e-mail: ayss@jinr.ru

Dear Colleagues!

Thank you for your intention to take part in the XXVII International Scientific Conference of Young Scientists and Specialists (AYSS-2023), which will be held at the Dzhelepov Laboratory of Nuclear Problems and the Bogolubov Laboratory of Theoretical Physics of the Joint Institute for Nuclear Research (JINR), Dubna, from October 30 to November 3 2023.

Students, young scientists and specialists up to 36 years from all over the world are invited to participate in the Conference with oral and poster presentations. **Important!** The participation in the conference can be held **only in-person**.

TOPICS

This year the conference will be devoted to the 110th anniversary of Bruno Pontecorvo, outstanding physicist, who worked at JINR and, in particular, made an invaluable contribution to the formation and development of modern neutrino physics.

Within the framework of the Conference leading scientists will give lectures on the recent theoretical, experimental and applied research conducted all around the world with emphasis on the major results obtained at JINR. All participants are encouraged to submit abstracts on the following topics:

- Theoretical Physics
- Mathematical Modeling and Computational Physics
- High Energy Physics
- Particle Accelerators and Nuclear Reactors
- Experimental Nuclear Physics
- Information Technology
- Condensed Matter Physics
- Applied Research
- Life Science

The selection of reports will be carried out by the Organizing Committee until October 8, 2023.

The preliminary program of AYSS-2023 will be posted on the conference website http://ayss-2023.jinr.ru in the "Programme" section. Participants with the best reports, as well as those actively participating in the conference, will be awarded with memorable presents.

ORAL PRESENTATIONS

The time allocated for oral presentations is 15 minutes (including questions and discussion).

Presentations for oral presentations must be prepared as a PDF or multimedia presentation (Microsoft PowerPoint). Please note that it will not be possible to demonstrate presentations for oral presentations from participants' laptops. It is necessary to prepare a file with the presentation to transfer it to the Organizing Committee's computer.

POSTER PRESENTATIONS

Each participant in the poster section will be allocated a vertical A1 size stand (85x59 cm²) to demonstrate the report. We do not recommend using particularly dense and heavy materials for printing posters.

WORK LANGUAGE

Oral and poster presentations must be prepared in **English**.

PROCEEDINGS

All participants who provide oral presentations are encouraged to publish their materials in <u>PEPAN Letters</u>. All articles are subject to peer review.

By submitting a paper for publication in PEPAN Letters the authors imply that the material has not been published previously nor has been submitted for publication elsewhere. Authors should make a careful survey of the literature to ensure that papers do not duplicate previous work and that relevant existing knowledge has been taken into account.

Details and rules for publication are posted on the conference website in the "Proceedings" section: https://indico.jinr.ru/event/3792/page/1690-proceedings

REGISTRATION FEE

The registration fee for participation will be 7,500 RUB. (9,000 RUB including VAT) and will cover organizational expenses, coffee breaks, participant kit, publication of papers, conference dinner and social program.

Do not pay the registration fee until a letter from the organizing committee accepts your application for participation.

Acceptance of payments for participants from external organizations (NOT JINR) will be available on the conference website in the "Registration fee" section from October 1 to November 3, 2023. The Organizing Committee takes upon itself the registration of the fees for participants from JINR, selected by the program committee, at the expense of the Institute's laboratories.

Financial support covering the fee, accommodation and partial travel costs may be available to a limited number of participants. Selection will be carried out on a competitive basis. The decision on providing financial support will be accepted on October 10.

VISA INFORMATION

To enter the Russian Federation, a participant needs to apply for a visa at the nearest Russian Consulate in his/her country. If you have any questions concerning visa support, please contact Olga Korotchik (JINR International Cooperation Department)

E-mail: korotchik@jinr.ru

Phone number: + 7 49621 65457

Deadline for submission of visa applications is individual for different countries.

More detailed information is available on the conference website in the "Visa information" section: https://indico.jinr.ru/event/3792/page/1692-visa-information.

CONFERENCE LOCATION

The AYSS-2023 conference will be held in the main building of the Dzelepov Laboratory of Nuclear Problems and the Bogolubov Laboratory of Theoretical Physics of the Joint Institute for Nuclear Research at the address: Moscow region, Dubna, St. Joliot-Curie, 20.

A map and instructions on how to get to DLNP and BLTP JINR will be posted on the conference website.

ACCOMMODATION OF PARTICIPANTS

We offer Conference participants accommodation at the Dubna Hotel, located at the address: Moscow region, Dubna, st. Vekslera, 8. You can book a hotel yourself or contact the conference organizing committee by email: ayssconf@jinr.ru with the subject line "AYSS-2023 hotel reservation" no later than 2 weeks before the start of the conference! Conference participants can choose any other hotel in the city to stay at their request, book and pay for it themselves.

PLACE AND TIME OF REGISTRATION FOR PARTICIPANTS

Registration of participants will take place:

October 30 – in the lobby of the Bogolubov Laboratory of Theoretical Physics of the Joint Institute for Nuclear Research.

WELCOME PARTY

The welcome party will take place on October 30 (Monday) at 6.30 pm. The location will be announced later. Participation in the welcome party is included in the registration fee.

SOCIAL PROGRAM

During the conference, excursions around the JINR sites, a screening of a documentary about Bruno Pontecorvo and stargazing will be organized for the participants, and one day the rock band "Men on the Moon" will perform for the participants. All events will be recorded. More detailed information about the place and time of events will be in the third information letter.

ORGANIZING COMMITTEE

Co-chairman: Liudmila Kolupaeva (DLNP)

Co-chairman: Alexander Nezvanov (FLNP)

Ekaterina Kolosova (CPED) Igor Pelevanyuk (MLIT)

Olga Korotchik (ICD) Evgeniya Pronskikh (LRB)

Anastasia Kruglyak (FLNP) Dmitry Pugachev (FLNR)

Vasilisa Lenivenko(VBLHEP) Anna Rybakova (UC)

Mariia Mardyban (BLTP) Veronika Smirnova (FLNP)

Marina Mishchenko (DLNP) Rostislav Sotenskii (DLNP)

SCIENTIFIC ADVISORY BOARD

Co-chairman: Grigory Trubnikov

Co-chairman: Dmitry Naumov

Grigory Shirkov (JINR Direction) Sergey Kulikov (FLNP)

Aleksandr Cheplakov (VBLHEP) Ekaterina Lesovaya (LRB)

Olga Derenovskaya (MLIT) Valentin Nesterenko (BLTP)

Grzegorz Kaminski (FLNR) Evgeny Yakushev (DLNP)

OUR CONTACTS

Association of Young Scientists and Specialists, Joint Institute for Nuclear Research, 141980, Russian Federation, Moscow Region, Dubna, St. Joliot-Curie, 20.

Email: ayssconf@jinr.ru

Join us in the Telegram chat for conference participants:

https://t.me/+a2Fxd9HY9ORiYjEy

See you in Dubna!

AYSS-2023 Organizing Committee