



JOINT INSTITUTE FOR NUCLEAR RESEARCH

**XXIV INTERNATIONAL BALDIN SEMINAR
ON HIGH ENERGY PHYSICS PROBLEMS**

*RELATIVISTIC NUCLEAR PHYSICS
& QUANTUM CHROMODYNAMICS*

Dubna, Russia, September 17-22, 2018

SECOND BULLETIN

The XXIVth International Baldin Seminar on High Energy Physics Problems " *Relativistic Nuclear Physics and Quantum Chromodynamics*", organized by the Joint Institute for Nuclear Research will be held from September 17 to 22, 2018 in Dubna, Russia.

The Seminar continues the series of traditional meetings and was established by an outstanding scientist, Academician A.M. Baldin (1926-2001). The series of the International Seminars on High-Energy Physics Problems was started in 1969 with M. A. Markov's (1908-1994) support and had a special importance among the conferences organized by Alexander Michailovich Baldin. It had been given an unofficial, somewhat witty, name - "Baldin autumn".

IMPORTANT DEADLINES

Registration with Visa Application: June 30, 2018.

Registration without Visa Application: August 31, 2018.

Abstracts Submission: August 31, 2018.

Proceedings submission: November 15, 2018

SEMINAR TOPICS

- Quantum chromodynamics at large distances
- Relativistic heavy ion collisions
- Hadron spectroscopy, multiquarks
- Cumulative processes
- Structure functions of hadrons and nuclei
- Multiparticle dynamics
- Polarization phenomena, spin physics
- Studies of exotic nuclei in relativistic beams
- Applied use of relativistic beams
- Accelerator facilities: status and perspectives
- New project NICA/MPD (Nuclotron-based Ion Collider fAcility/ MultiPurposed Detector) at JINR
- Progress in experimental studies in the high energy centers - JINR, CERN, BNL, JLAB, GSI, etc.

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SCIENTIFIC PROGRAMME

The programme is supposed to present reports from the major experimental collaborations and summaries of the major theoretical and experimental advances made in relativistic nuclear physics.

The Seminar programme will consist of review talks (40 min.) and contributions presenting original researches (20 and 30 min.).

The working language of the Seminar is English.

REGISTRATION

All participants are asked to fill in the Registration Form

<<http://relnp.jinr.ru/ishepp/registration.html>>.

To arrange the pass to the Seminar site, the participants (except for JINR) should fill the fields in the Registration Form related to your passport data.

SEMINAR FEE

The seminar fee is 350 Euro. It covers transfer from airports to Dubna and back, social programme, refreshments during the breaks, welcome party, banquet and publication in the European Physical Journal Web of Conferences (EPJ WoC).

Later on, there will be added special instructions concerning the fee for Russian citizens.

ACCOMMODATION

The Organizing Committee will take care of booking accommodation in the "Dubna" hotel (special prices on <http://relnp.jinr.ru/ishepp/accommodation.html>) according to the information presented by a participant in the Registration Form. Standard accommodation prices in the Hotel "Dubna" Buildings 1 (8 Veksler street) and 3 (2 Moskovskaya street) can be found on <http://www.hotel-dubna.ru> (in Russian). Breakfast included. There are a mini-kitchen and a refrigerator in rooms of Building 3.

Please, note that the prices may slightly change in September.

VISA

To get a visa support document in due time the participants should provide the necessary information filling in **all corresponding fields** of the Registration Form and also attach there a scanned copy of the passport's double-page spread with a photo by June 30, 2018.

Please, note, that the passport should be valid not less than 6 months than the planned dates of your stay in Russia.

ABSTRACTS

Abstracts of the talks should be submitted via the Registration Form <http://relnp.jinr.ru/ishepp/registration.html>.

Instructions for typing and submitting the abstracts are available at the Seminar site.

ABOUT THE TOWN

Dubna is a nice and calm town situated on the banks of the Volga River within 130 kilometers north of Moscow.

Please, find more information at the web site <http://en.wikipedia.org/wiki/Dubna>.

SUPPORT

The Seminar is supported by:

- **International Union of Pure and Applied Physics (IUPAP):**

<http://iupap.org/sponsored-conferences/approved-conferences-2018/>.

Free Circulation of Scientists: The principle of the Universality of Science is fundamental to scientific progress. This principle embodies freedom of movement, association, expression and communication for scientists, as well as equitable access to data, information and research materials. In pursuing its objectives with respect to the rights and responsibilities of scientists, the International Union of Pure and Applied Physics (IUPAP) actively upholds this principle, and, in so doing, opposes any discrimination on the basis of such factors as ethnic origin, religion, citizenship, language, political stance, gender, or age. IUPAP should only sponsor conferences and events at institutions and in countries that uphold this principle. If scientists are excluded from attending IUPAP-sponsored international conferences by a host institution or country on the basis of any of these factors, IUPAP should register its concern at the highest level of that institution or country, and should not sponsor any future events in that

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- **Joint Institute for Nuclear Research, Dubna, Russia:** <http://www.jinr.ru>.

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