



JOINT INSTITUTE FOR NUCLEAR RESEARCH
**XXII INTERNATIONAL BALDIN SEMINAR
ON HIGH ENERGY PHYSICS PROBLEMS**

*RELATIVISTIC NUCLEAR PHYSICS
& QUANTUM CHROMODYNAMICS*

Dubna, Russia, September 15-20, 2014

SECOND BULLETIN

XXII International Baldin Seminar on High Energy Physics Problems " *Relativistic Nuclear Physics and Quantum Chromodynamics*", organized by Joint Institute for Nuclear Research will be held from September 15 to 20, 2014 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 before June 30, 2014.

Registration without Visa Application before August 31, 2014.

Abstracts Submission before August 31, 2014.

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 program 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 and contributions presenting original researches.

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>>.

Dear participants not from JINR, please, notice that you should fill the fields in the Registration Form related to your passport data.

SEMINAR FEE

The seminar fee is 350 Euro. It covers transportation from airports to Dubna and back, social programme, refreshments during the breaks, welcome party, banquet and a publication of the Proceedings in the Proceedings of Science (PoS).

ACCOMMODATION

Accommodation prices in the Hotel Dubna, Building 1 are listed below. Current exchange rate is about 45 Roubles for 1 Euro. To book the apartments, please, choose the Category in the Registration Form.

Category	Price (roubles)
Two-room apartment	3000-3700
Single-room	1600-2030
Single-room (combined in a block with a double-room, shared shower)	1100
Double-room (combined in a block with a single-room, shared shower)	900 (per bed)

VISA

To start the visa procedure in due time the participants are asked to fill in **all the required fields** of the Visa Application Form and send it together with a scanned copy of the passport most important page(s) to Mrs. Elena Russakovich by e-mail <rusakovich@jinr.ru> by 30 June 2014.

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

ABSTRACTS

Abstracts of the talks should be submitted by e-mail <ishepp@theor.jinr.ru>. Instructions for typing and submitting the abstracts are available at the Seminar site.

PLACE

The Seminar will take place in the Conference Halls of the Bogoliubov Laboratory of Theoretical Physics.

ABOUT THE TOWN

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

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

SUPPORT

The Seminar is supported by:

- International Union of Pure and Applied Physics (IUPAP):
<http://www.iupap.org/conferences/page_62065.html>.

To secure IUPAP sponsorship, the organizers have provided assurance that The XXII International Baldin Seminar on High Energy Physics Problems " *Relativistic Nuclear Physics and Quantum Chromodynamics* " will be conducted in accordance with IUPAP principles as stated in the IUPAP resolution passed by the General Assembly in 2008. In particular, no bona fide scientist will be excluded from participation on the grounds of national origin, nationality, or political considerations unrelated to science.

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

CONTACTS

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Visa, accommodation, travel details:

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