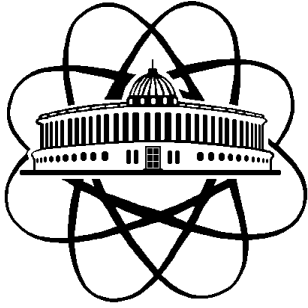


**XXIII INTERNATIONAL BALDIN SEMINAR  
ON HIGH ENERGY PHYSICS PROBLEMS**



*RELATIVISTIC NUCLEAR PHYSICS  
& QUANTUM CHROMODYNAMICS*

dedicated to the 90th anniversary of Academician A.M. Baldin

**Dubna, Russia, September 19-24, 2016**

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**SECOND BULLETIN**

The XXIII 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 19 to 24, 2016 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 Mikhailovich Baldin. It had been given an unofficial, somewhat witty name "Baldin autumn".

**IMPORTANT DEADLINES**

Registration with Visa Application before June 30, 2016.

Registration without Visa Application before August 31, 2016.

Abstracts Submission before August 31, 2016.

**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.

## INTERNATIONAL ADVISORY COMMITTEE

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\*deceased

## ORGANIZING COMMITTEE

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| S.Z. Pakulyak     | I.G. Zarubina   |
| Yu.A. Panebratsev |                 |

## SCIENTIFIC PROGRAMME

The Seminar programme will consist of review talks and contributions that are planned to be given by the representatives of major experimental collaborations and theoreticians in the field of relativistic nuclear physics.

The working language of the Seminar is English.

## REGISTRATION AND SEMINAR VENUE

All participants are asked to fill in the Registration Form <<http://relnp.jinr.ru/ishepp/registration.php>>.

The Seminar sessions will take place at the Conference Halls of the Veksler and Baldin Laboratory of High Energy Physics.

To arrange permission to enter the Institution territory the Organizing Committee will need the passport data specified in the Registration form.

## 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 of the Proceedings.

## ACCOMMODATION

Accommodation prices in the Hotel Dubna, Building 1 are listed below. To book the apartments, please, choose the category in the Registration Form.

| Category  | Price (Roubles)          |
|---|--------------------------|
| Deluxe two-room apartment   | 4790                     |
| Standard two-room apartment   | 3830                     |
| Standard single room  | 2580                     |
| Econom single room  | 2030                     |
| Econom single room combined in a block with a double room (shared shower) | 1410                     |
| Econom double room combined in a block with a single room (shared shower) | 2320/1160 (per room/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](mailto:rusakovich@jinr.ru)> by 30 June 2016.

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](mailto:ishepp@theor.jinr.ru)>. 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 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).

To secure IUPAP sponsorship, the organizers have provided assurance that The XXIII 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>.
- Russian Foundation for Basic Research: <http://www.rfbr.ru>.

## CONTACTS

### Programme, registration:

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URL: <http://relnp.jinr.ru/ishepp/>

### Visa, accommodation, travel details:

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