



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

*RELATIVISTIC NUCLEAR PHYSICS  
& QUANTUM CHROMODYNAMICS*

**Dubna, September 25 - 30, 2006**

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## SECOND BULLETIN

The XVIII 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 25 to 30, 2006 in Dubna, Russia.

The Seminar is devoted to the 80th anniversary of the outstanding scientist Academician A.M. Baldin (1926-2001). Among conferences that were organized by Alexander Michailovich of special importance is just this series of the *International Seminars on High-Energy Physics Problems* started in 1969 with M. A. Markov's support. They have been given an unofficial, somewhat witty, name "*Baldin autumn*".

### Important Deadlines

Visa Application before **July 30, 2006**.

Visa Form should be sent to <rusakovich@jinr.ru> (see details in section "Entry Visa")

Registration before **August 31, 2006**.

Registration Form should be sent to <ishepp@theor.jinr.ru>

Abstracts submission before **August 31, 2006**.

Abstracts should be sent to <ishepp@theor.jinr.ru>

### Seminar Topics

- Quantum chromodynamics at large distances
- Relativistic heavy ion collisions
- Hadron spectroscopy
- Cumulative processes
- Structure functions of hadrons and nuclei
- Multiparticle dynamics
- Polarization phenomena and spin physics
- Studies of exotic nuclei in relativistic beams
- Applied use of relativistic beams

- Accelerator facilities: status and perspectives
- Progress in experimental studies at the high energy accelerators – Nuclotron, RHIC, JLAB, COSY, etc.

## 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.

## International Advisory Committee

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## Registration

All participants are asked to submit Registration Form by e-mail <ishepp@theor.jinr.ru> before **August 31, 2006**.

## Abstracts

Abstracts of the talks should be submitted by e-mail **before August 31, 2003** to the address <ishepp@theor.jinr.ru>. Instructions for typing and submitting of the abstracts are available on the Seminar Web Site.

## Place

The sessions will take place at the Conference Halls of the Bogoliubov Laboratory of Theoretical Physics.

## Registration Fee

The seminar fee is \$450. It covers transportation from the Sheremetyevo International Airport to Dubna and back, accommodation in hotel "Dubna", social programme, refreshments during the breaks, the welcome party, banquet and a copy of the Proceedings.

The seminar fee for participances from Russia is RUB 3000. It includes social programme, refreshments during the breaks, the welcome party, banquet and a copy of the Proceedings.

## About the Town

Dubna is a nice and calm town situated at the beach of the Volga River within 130 km of Moscow.

Please, find more at the web-page <http://www.dubna.ru/english/>

## Entry Visa

To get the visa in due time the participants are asked to submit the data specified in the enclosed Visa Form. The registration for applying for visa is accepted **until July 30, 2006**.

## Further Information

Further information is available on the Seminar Web Site at <http://relnp.jinr.ru/ishepp/>

## Addresses for Correspondence

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Visas, accommodation, travel details:

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