



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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## FIRST 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*".

### 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.

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.

## Further Information

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

## Organizing Committee

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