



In memory of Academician  
A. M. Baldin (1926-2001)

## Joint Institute for Nuclear Research

# XIX INTERNATIONAL BALDIN SEMINAR ON HIGH ENERGY PHYSICS PROBLEMS

## Relativistic Nuclear Physics & Quantum Chromodynamics

Dubna, Russia, September 29 - October 4, 2008

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### 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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### Addresses for Correspondence

#### Scientific Programme:

E-mail: [ishepp@theor.jinr.ru](mailto:ishepp@theor.jinr.ru)

Web Site: <http://relnp.jinr.ru/ishepp>

#### Visas, Accommodation and Travel Details:

Mrs. Elena Russakovich. E-mail: [russakovich@jinr.ru](mailto:russakovich@jinr.ru)

Fax: +7(49621)65599 or 65891. Tel.: +7(49621)63890

International Department, Joint Institute for Nuclear Research  
141980 Dubna, Russia