

International Baldin Seminar

Relativistic Nuclear Physics and Quantum Chromodynamics

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

Series of biennial International Seminars

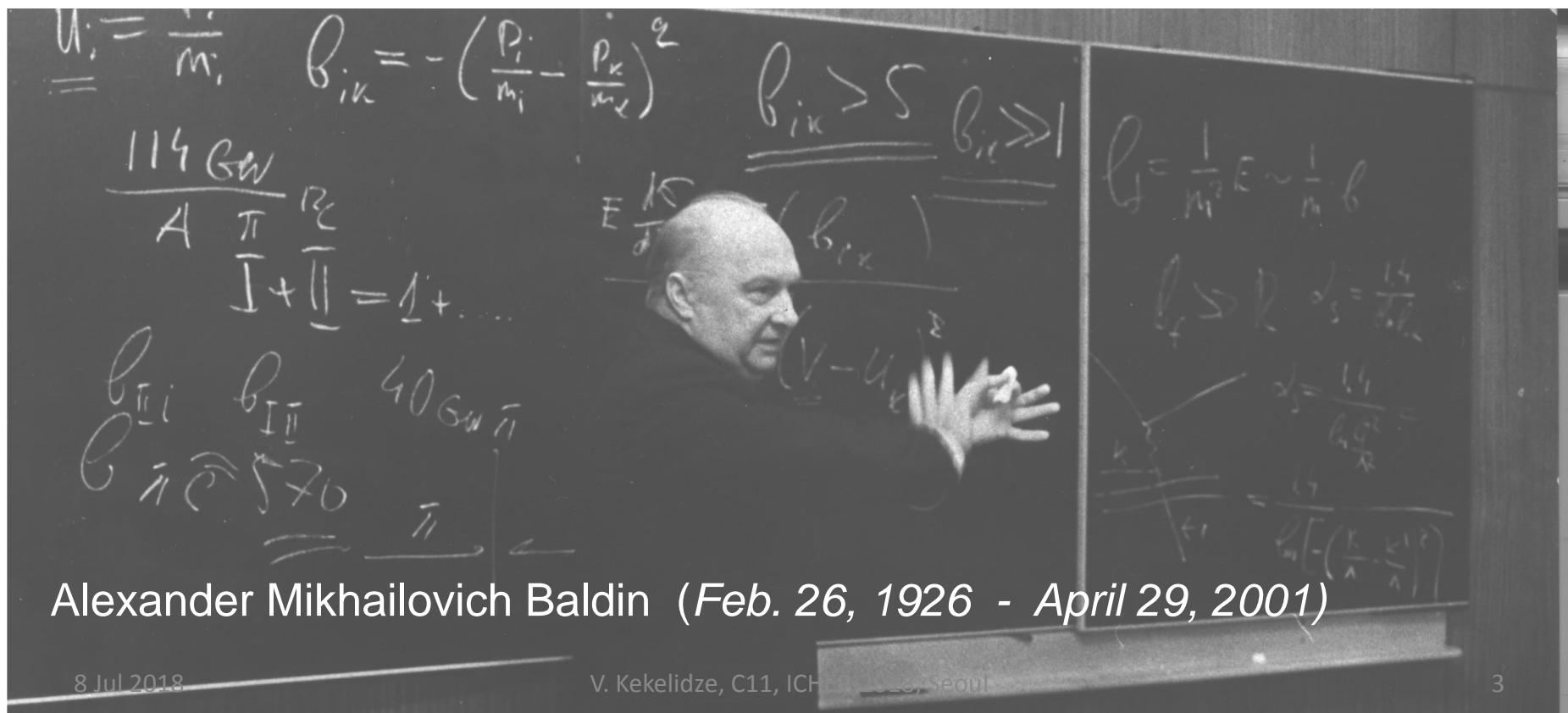
Baldin International Seminar

IUPAP support

- XXII Seminar, September 15 to 20, 2014
<http://relnp.jinr.ru/ishepp-xxii>
- XXIII Seminar, September 19 to 24, 2016
<http://relnp.jinr.ru/ishepp-xxiii>
- XXIV Seminar, September 17 to 22, 2018
<http://relnp.jinr.ru/ishepp>

The first 1969 Dubna International Seminar

- ◆ The first 1969 *International Seminar* of this series was devoted to study of vector mesons and has included reports on development of gauge field theory
- ◆ Among the participants there were N.N. Bogoliubov, J. Bjorken, B. Zumino, V.F. Markov, S. Ting, L.D. Faddeev and others who made an essential contribution to this field



Alexander Mikhailovich Baldin (Feb. 26, 1926 - April 29, 2001)

Dubna Seminars 1969 – 2018

biennial

- ◆ Seminars of this series were mainly devoted to the physics of strong interactions:
*hot problems of relativistic nuclear physics,
quantum chromodynamics,
multiparticle production,
polarization phenomena,
structure functions,
results and prospects of corresponding experiments*
- ◆ Typical scale of the Seminars
 - around 200-250 participants from ~ 20 countries,
 - more than 120 reports

XXIII International Baldin Seminar

September 19-24, 2018, JINR, Dubna, Russia

- **250** participants from **22** countries
 - *young scientists* – **53** (21%)
 - *women* – **40** (16%)
- **157** speakers from JINR, CERN, GSI, JLAB, BNL, COSY, FNAL, JPARC
 - *women* – **31** (20%)
- Proceedings **EPJ Web of Conferences, Volume 138 (2017)**
 - **102** papers
 - <https://www.epj-conferences.org/articles/epjconf/abs/2017/07/contents/contents.html>

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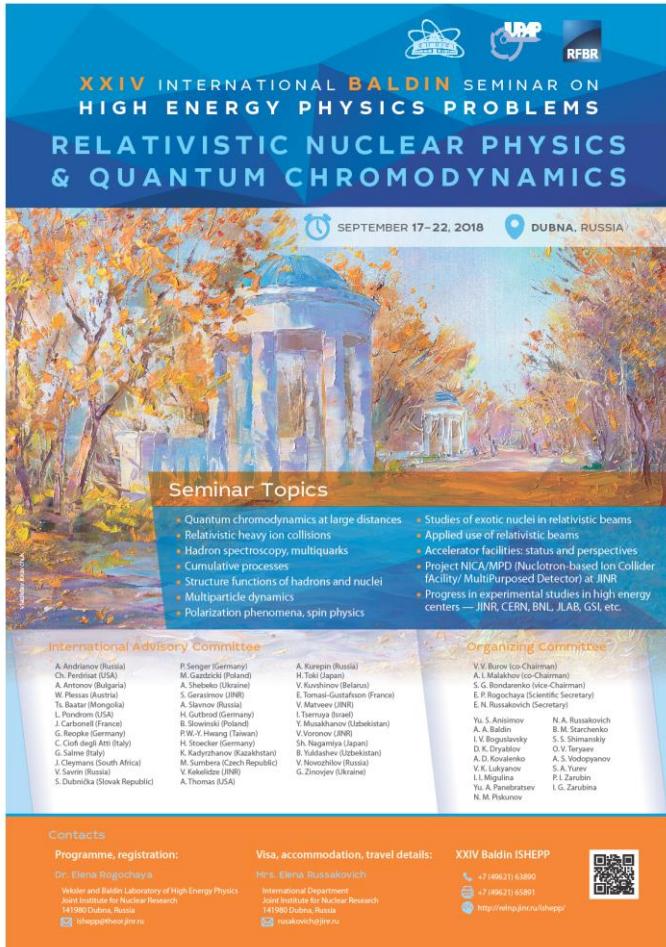


XXIV International Baldin Seminar

September 17-22, 2018, JINR, Dubna, Russia

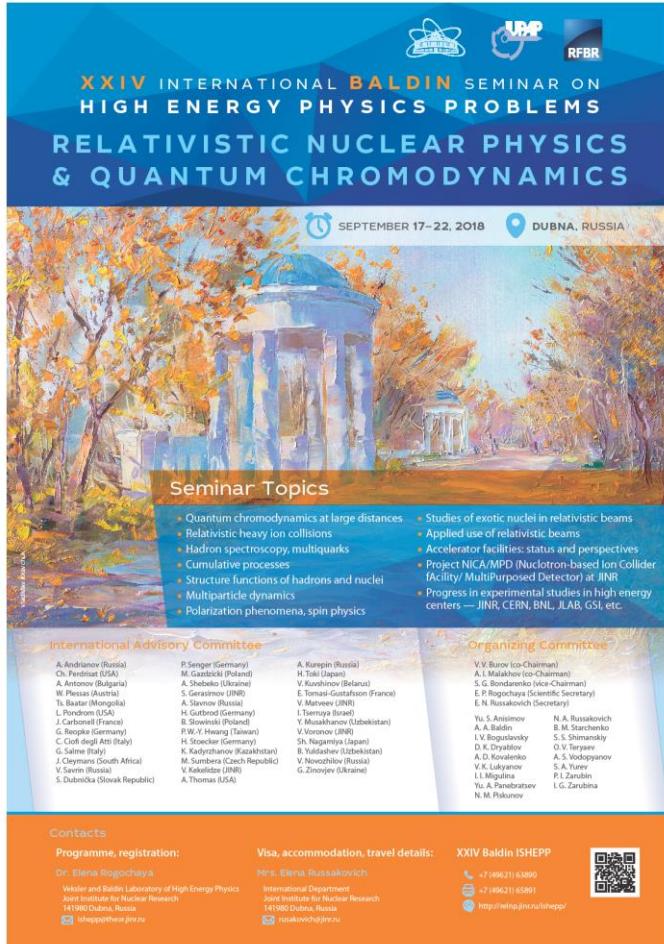
Seminar Topics

- *QCD at large distances*
- *Relativistic heavy ion collisions*
- *Hadron spectroscopy, multiquarks*
- *Cumulative and subthreshold processes*
- *Structure functions of hadrons and nuclei*
- *Dynamics of multiparticle production*
- *Polarization phenomena, spin physics*
- *Studies of exotic nuclei*
- *Applied use of relativistic beams*
- *Accelerator facilities: status & perspectives*
- *Projects BM@N, MPD/NICA at JINR*
- *Experiments at JINR, CERN, BNL, JLAB, GSI.*



XXIV International Baldin Seminar

September 17-22, 2018, JINR, Dubna, Russia



Supported by:

• IUPAP



• JINR



• RFBR



XXIV International Baldin Seminar

September 17-22, 2018, JINR, Dubna, Russia

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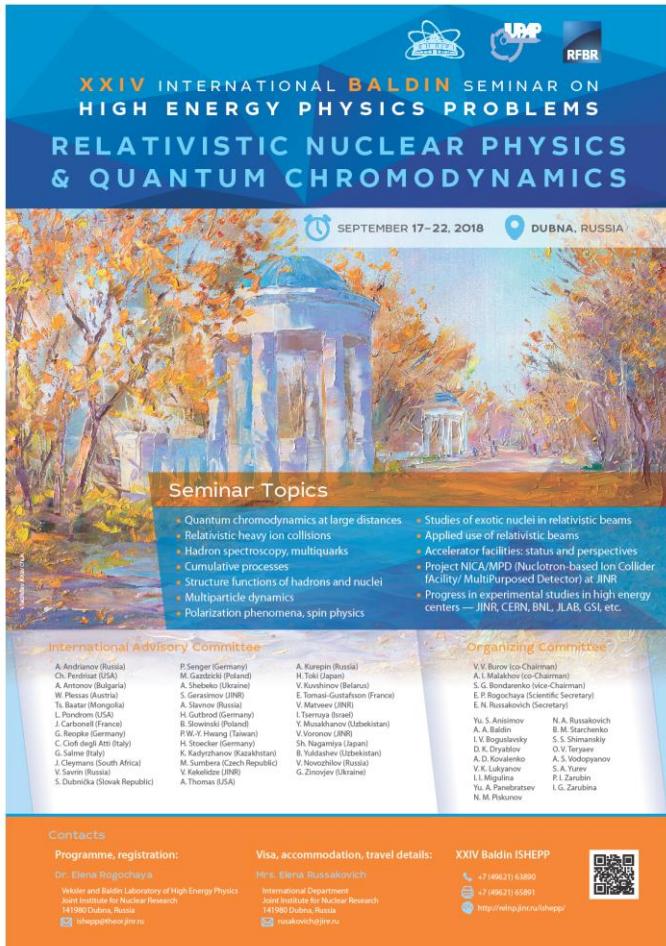
Yurev S.A.

Zarubina I.G.

Zarubin P.I.

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Expected

- **250 participants**
 - deadline for registration: Aug. 31, 2018
- **150 reports**
 - plenary talks (30, 40 min)
 - 3 parallel sessions (20 min.)
- **conference fee – 350 Euro**

It covers:

transfer from airports to Dubna and back,
refreshments during the breaks,
social program,

publication in the European Journal Physics
Web of Conferences (EPJ WoC)

- **limited support for young scientists**
waiving conference fee

Venue: main Conference hall



Venue: Hotel “Dubna”



Venue: Dubna

(more details - at the Seminar site: <http://relnp.jinr.ru/ishepp/>)



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The Organizing Committee:

- ***appreciates IUPAP for the conference support;***
- ***requests financial support for C-class conferences, which can help to attract young scientists, especially from developing countries;***
- ***expresses confidence that it will increase interests to the C-class conferences in the world.***

*“Tradition is not the preservation of ashes,
but the inflating of fire.”*

Jean Jaurès

Thank you