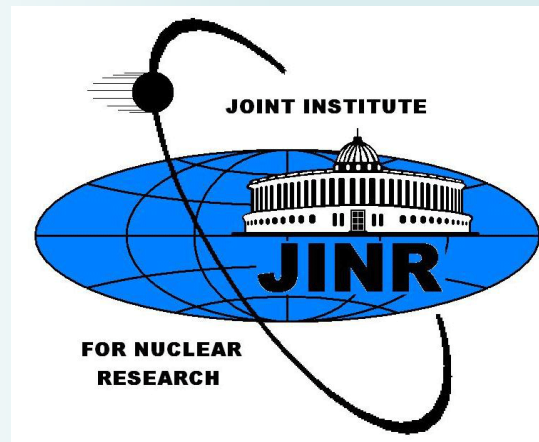


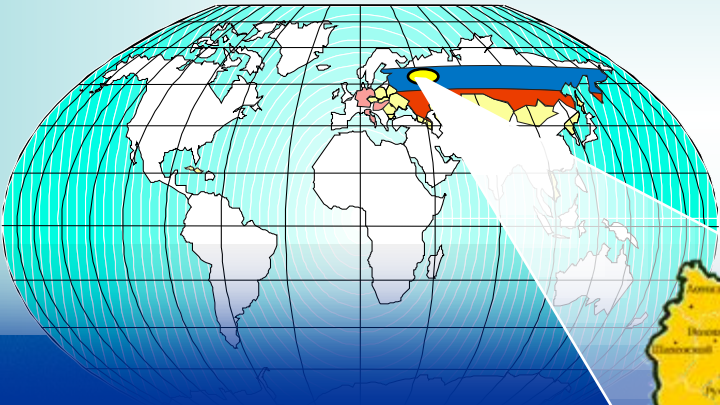
JINR Dubna as a Host to the SQM2015 Conference

A. Sorin



SQM2013, Birmingham, July 24, 2013

Russia



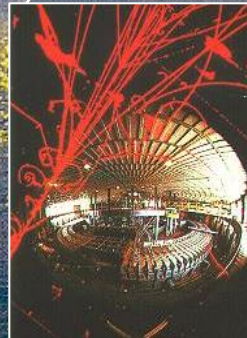
Moscow Region



Dubna



JINR



The Special Economic Zone in Dubna



JINR MEMBER STATES



AGREEMENTS at GOVERNMENTAL LEVEL



MEMBER STATES IN 1956



AMERICA

BRAZIL
CANADA
CLAF
CUBA
UNITED STATES

EUROPE

AUSTRIA
BELGIUM
BULGARIA
CROATIA
CZECH REPUBLIC
DENMARK
FINLAND
FRANCE
GERMANY
GREECE
HUNGARY
IRELAND
ITALY
MONTENEGRO
NETHERLANDS
NORWAY
POLAND
PORTUGAL
ROMANIA
SERBIA
SLOVAKIA
SLOVENIA
SPAIN
SWEDEN
SWITZERLAND
UNITED KINGDOM
CERN

AFRICA

EGYPT
SOUTH AFRICA

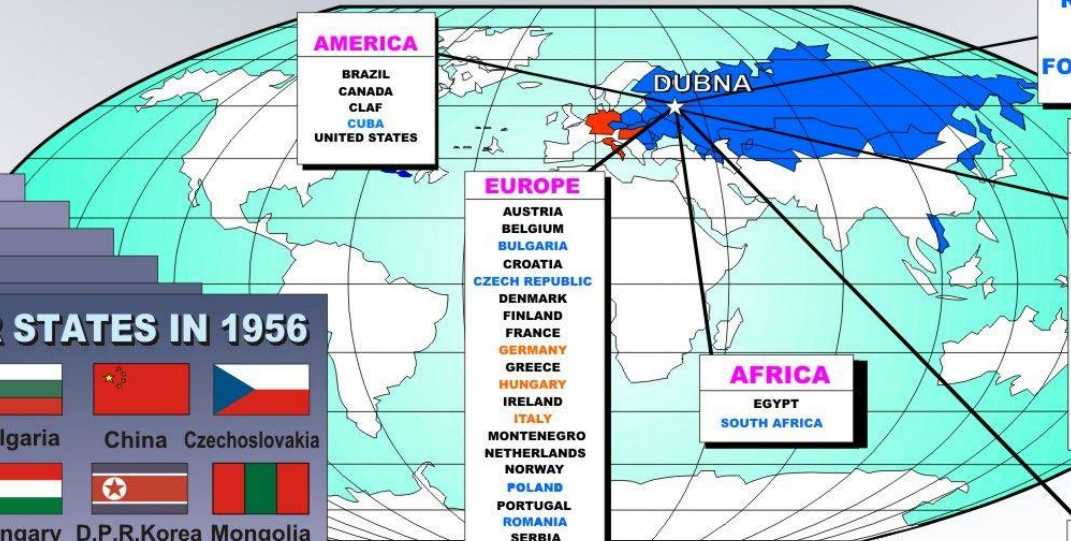
REPUBLICS OF FORMER USSR

ASIA

CHINA
DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA
INDIA
ISRAEL
JAPAN
MONGOLIA
SOUTH KOREA
TURKEY
VIETNAM

AUSTRALIA AND OCEANIA

AUSTRALIA




JINR Dubna: International Intergovernmental Organization
JINR's partners are about 700 institutions located in 60 countries




JINR's research niche offered by home facilities

- **Heavy-Ion Physics:**
 - at high energies (up to 5 GeV/n)
(in future $\sqrt{s_{NN}} = 11 \text{ GeV}$, NICA facility)
 - at low and intermediate energies (5 – 100 MeV/n)


- **Condensed Matter Physics using nuclear physics methods**




Bogoliubov Laboratory of Theoretical Physics




Veksler-Baldin Laboratory of High Energy Physics




Dzhelepov Laboratory of Nuclear Problems




Flerov Laboratory of Nuclear Reactions



Frank Laboratory of Neutron Physics



Laboratory of Information Technologies

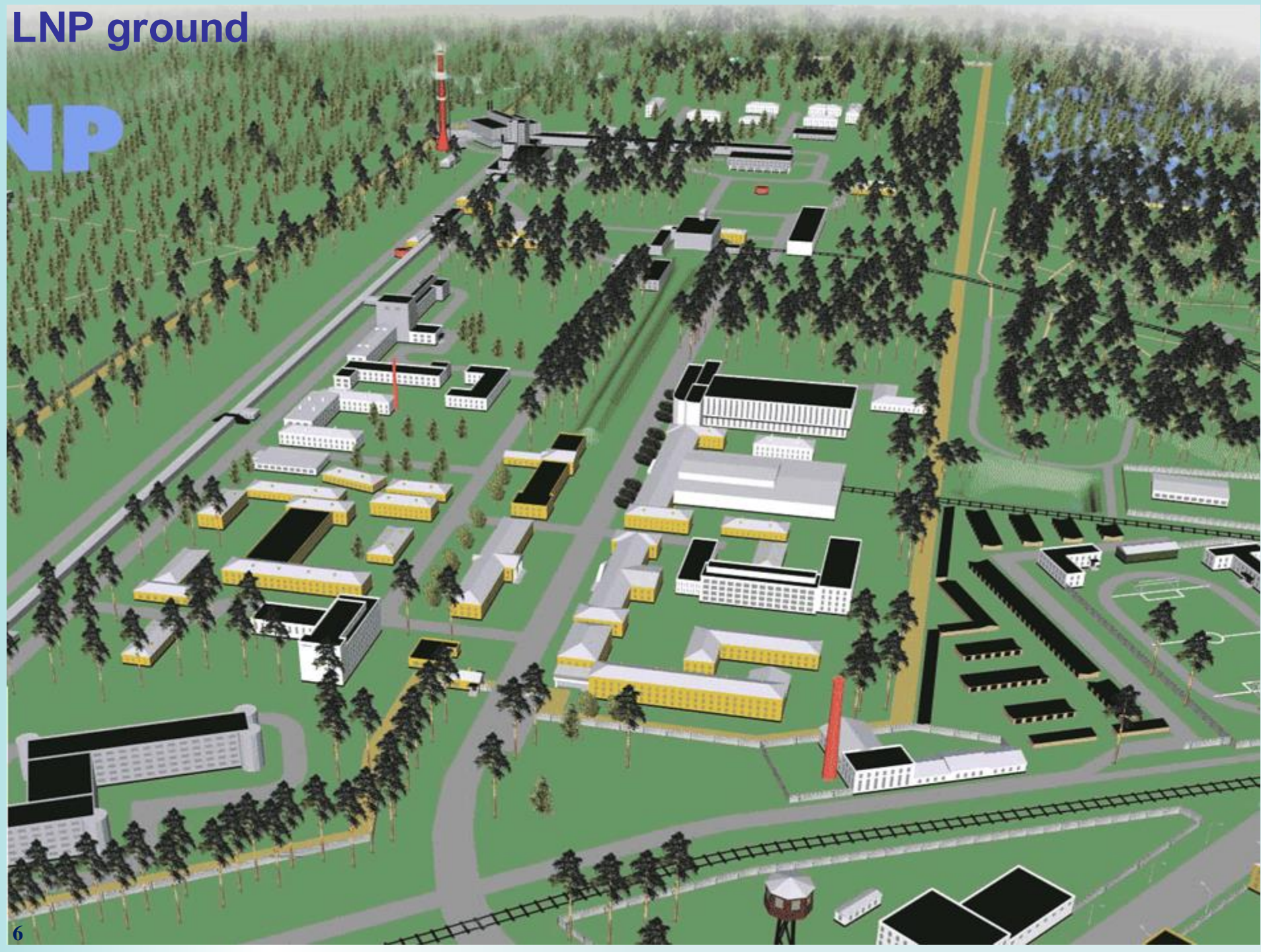


Laboratory of Radiation Biology

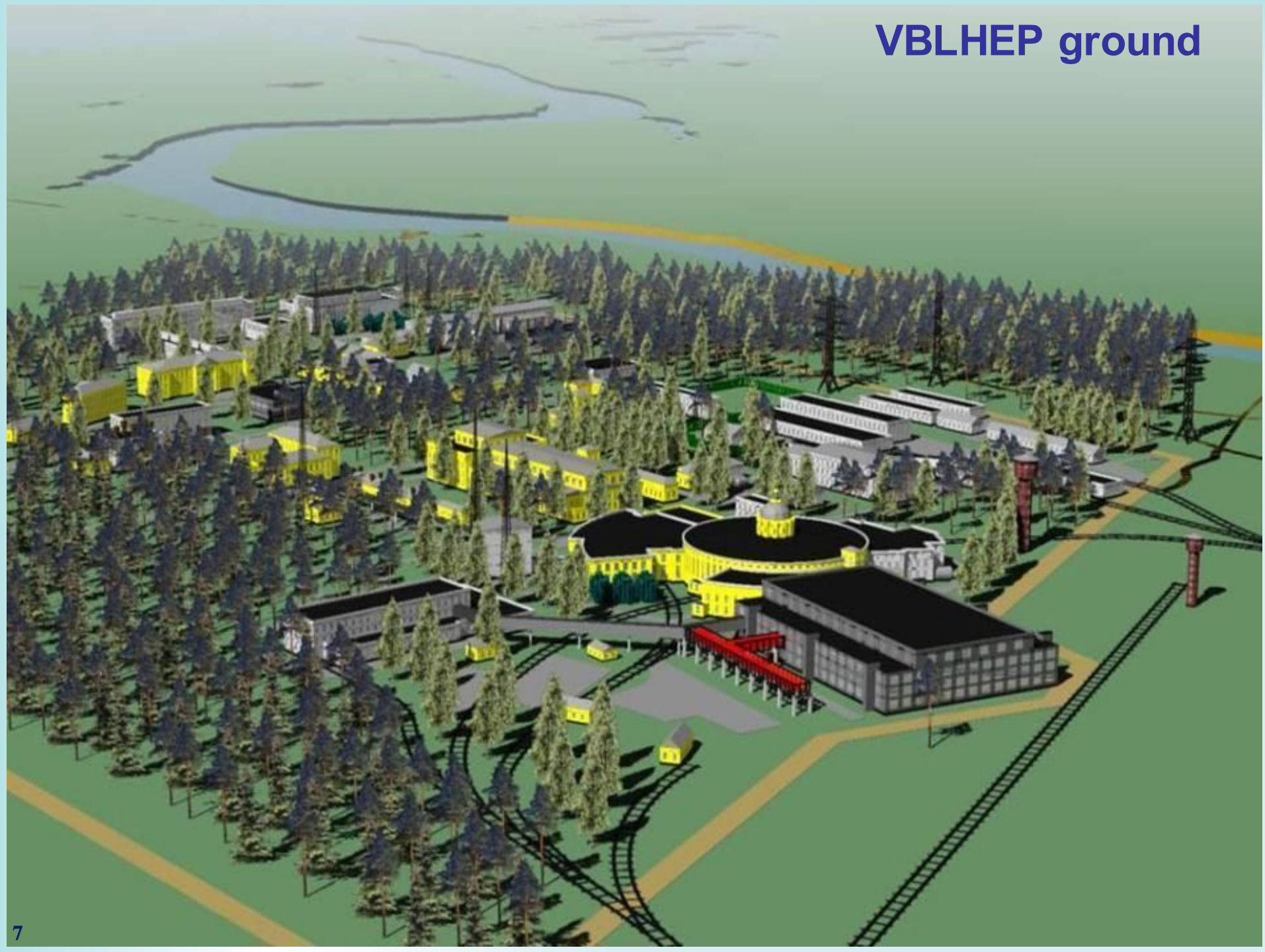
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LNP ground

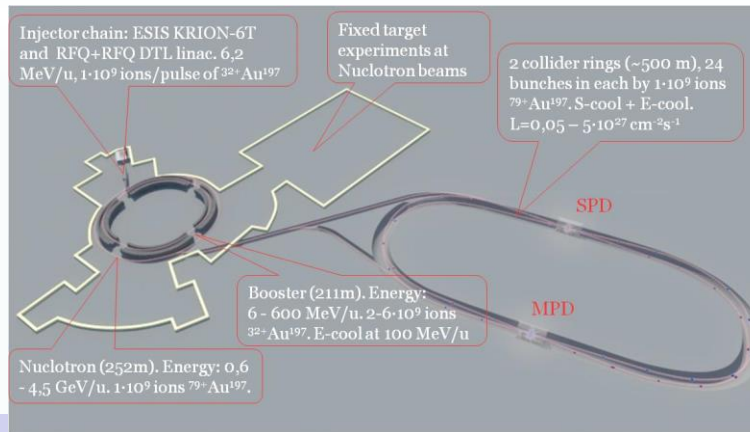
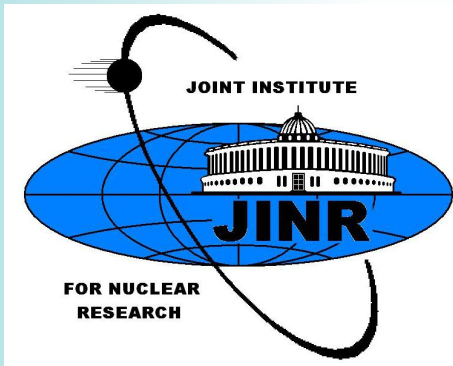
LNP



VBLHEP ground



Nuclotron-based Ion Collider fAcility (NICA)



□ Exploration of the QCD phase diagram

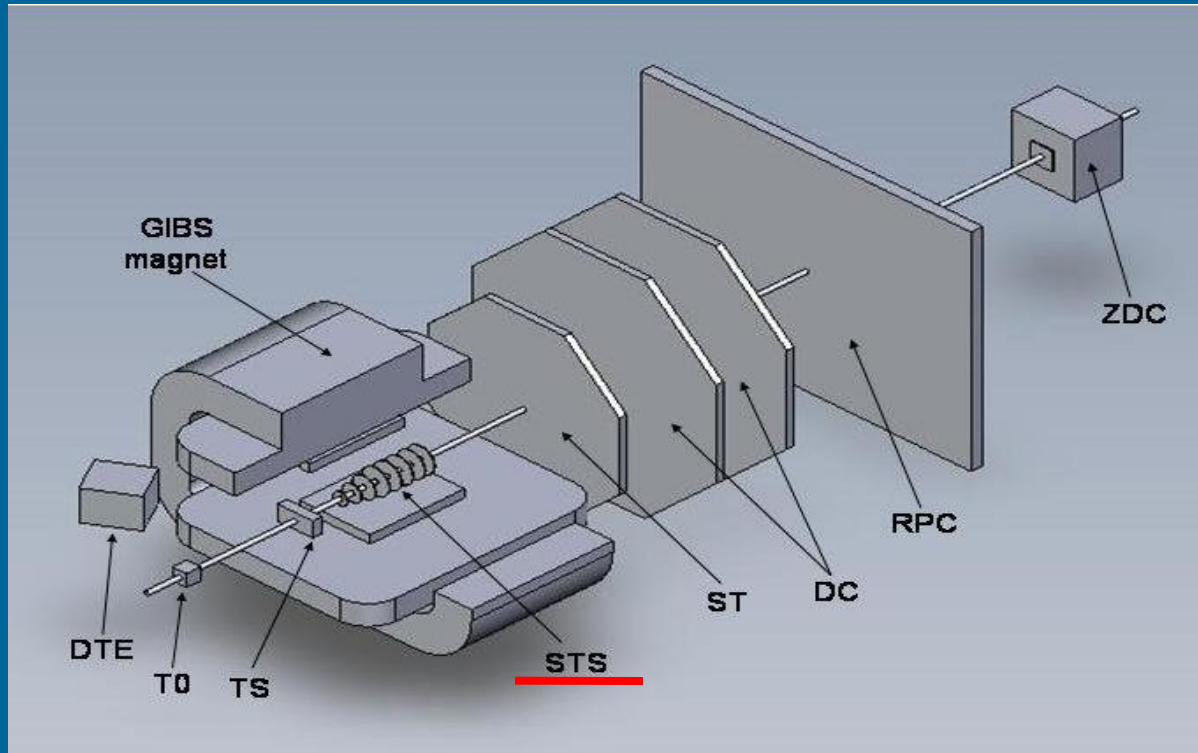
- *in-medium properties of hadrons & nuclear matter equation of state*
- *onset of deconfinement & chiral symmetry restoration*
- *phase transitions, mixed phase & critical phenomena*
- *local parity violation (P-odd effects)*

□ Spin physics

- *to shed light on the origin of spin*
- *to define the nucleon spin structure*

Baryonic Matter at Nuclotron (BM@N)

- measurements of the multi-strange (Ξ , Ω , exotics) & hypernuclei in HI collisions
- close to the threshold production in the region of high sensitivity to the models prediction



GIBS magnet (SP-41)

*TS-target station,
T0- start diamond detector,
STS - silicon tracker,
ST- straw tracker,
DC- drift chambers,
RPC- resistive plate
chambers,
ZDC- zero degree calorimeter,
DTE – detector of tr. energy.*

- the detector based on the sub-detectors developed for **CBM**, **MPD** & **SPD**

Preparation of the joint **GSI - JINR** experiment Baryonic Matter at Nuclotron (**BM@N**) has started. **The planned data taking - 2015**

The CBM/FAIR-MPD/NICA Consortium

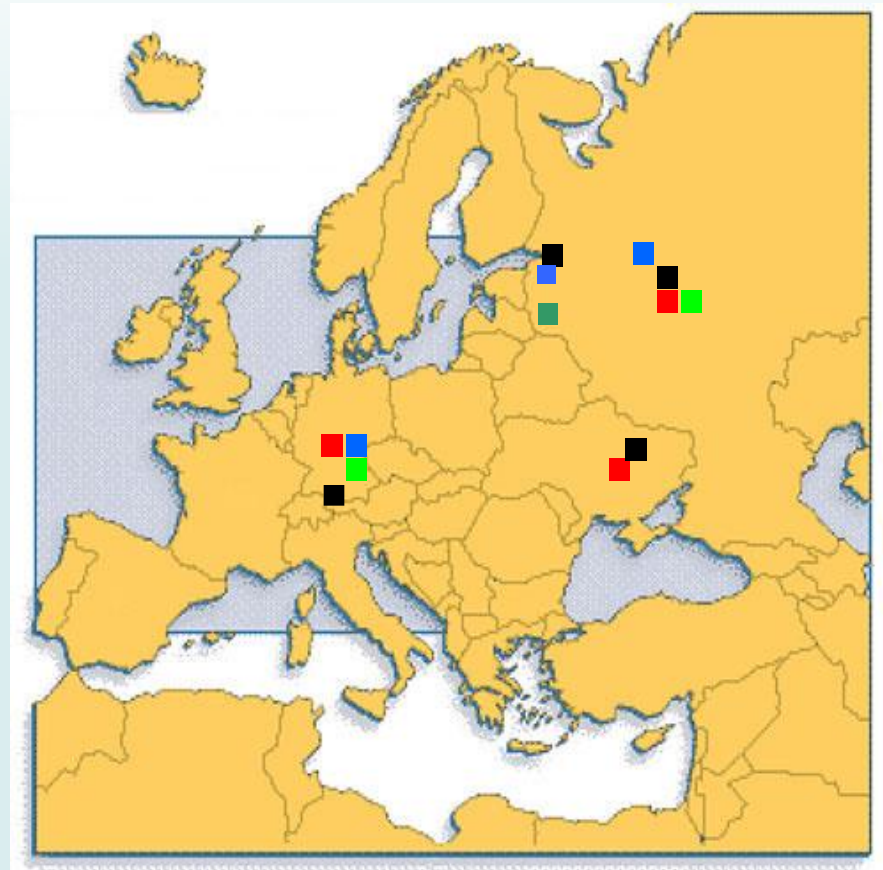
- 7 institutes
- 3 countries

CBM @ FAIR
(Darmstadt)

MPD @ NICA
(Dubna)

- **GSI**, Darmstadt, Germany
- **JINR**, Dubna, Russia
- IHEP, Protvino, Russia
- MSU, Moscow, Russia
- KRI, St.Petersburg, Russia
- University, St.Petersburg
- SE SRTIIE, Kharkov, Ukraine

- **Modules assembly**
- Components
- **Ladder assembly**
- Radiation tests
- In-beam tests



XXXIII INTERNATIONAL CONFERENCE ON HIGH ENERGY PHYSICS ICHEP'06

Moscow,
July 26-August 2, 2006

Organization

- Russian Academy of Sciences (RAS)
- The Ministry of Education and Science of RF
- Federal Agency of Science and Innovations of RF
- Federal Atomic Energy Agency of RF
- Joint Institute for Nuclear Research (JINR)
- Moscow State University (MSU)

International Advisory and Program Committee

G. Allarelli (CERN)
S. Banerjee (TATA)
N. Brambilla (Milano)
R. Cashmore (Oxford)
H. Chen (IHEP, Beijing)
E. Coccia (Gran Sasso)
R. Eichler (PSI)
J. Engelen (CERN)
L. Foa (Pisa)
A. Furstenko (Moscow)

D. Gross (UCSB)
W.F. Henning (GSI)
V.G. Kadyshvsky (JINR)
A.A. Logunov (IHEP, Protvino)
L. Moiaoli (Roma)
G. Mikenberg (Weizmann)
M. Neuberl (Cornell)
L.B. Okun (ITEP)
Yu.S. Osipov (RAS)
A.V. Radyushkin (JLAB)

L. Randall (Harvard)
A. Rodman (SLAC)
A. Yu. Romyanitsy (Moscow)
V.A. Sadovnichiy (MSU)
M. Spiro (IN2P3)
A.N. Tavkhelidze (JINR)
Y. Totsuka (KEK)
A. Wagner (DESY)
A.K. Wroblewski (Warsaw)
Young-Kee Kim (Fermilab)

Conference co-chairmen: V.A. Malveev (RAS) & A.N. Skrinsky (RAS)

Vice-chairmen: V.I. Savrin (MSU) & A.N. Sissakian (JINR)

Correspondence: G.A. Kazlov, Joint Institute for Nuclear Research
Joliot-Curie st. 6, 141980 Dubna, Moscow Region, Russia

E-mail: ichep@desy.ru
ichep@jinr.ru

URL: <http://ichep06.jinr.ru>
Tel.: 07 290 21 63162, 60989
Ax: 07 290 21 60291, 60599

DIAS-TH: Dubna International Advanced School of Theoretical Physics
Helmholtz International Summer School

Dense Matter in Heavy Ion Collisions and Astrophysics

Bogoliubov Laboratory of Theoretical Physics
JINR, Dubna, Russia, July 14-26, 2008

TOPICS:

- Hadrons in the Medium
- Equation of state and Phase Transitions
- Hadron Production and Heavy Ion Collisions
- Dense Matter in Compact Stars
- Future Experimental Facilities

SUPPORTED BY:

- Helmholtz Association
- Helmholtz Centers DESY and GSI
- Joint Institute for Nuclear Research
- Russian Foundation for Basic Research

ORGANIZERS:

- J. Wambach (GSI, TU Darmstadt)
- V. Voronov (JINR)
- D. Blaschke (JINR, U Wroclaw)

LOCAL ORGANIZERS:

- A. Sorin (JINR)
- J. Schmelzer (U Rostock, JINR)
- V. Zhuravlev (JINR)
- V. Skokov (sc. secretary, JINR)
- A. Dolya (secretary, JINR)

CONTACT ADDRESS:

FAX: +7-49621-65084
E-mail: dm2008@theor.jinr.ru
WWW: <http://theor.jinr.ru/~dm2008>

The Joint Institute for Nuclear Research Dubna (Russia)
invites for registrations to

HIC-for-FAIR School and Workshop

Dense QCD Phases in Heavy-Ion Collisions

JINR Dubna, August 21 - September 4, 2010

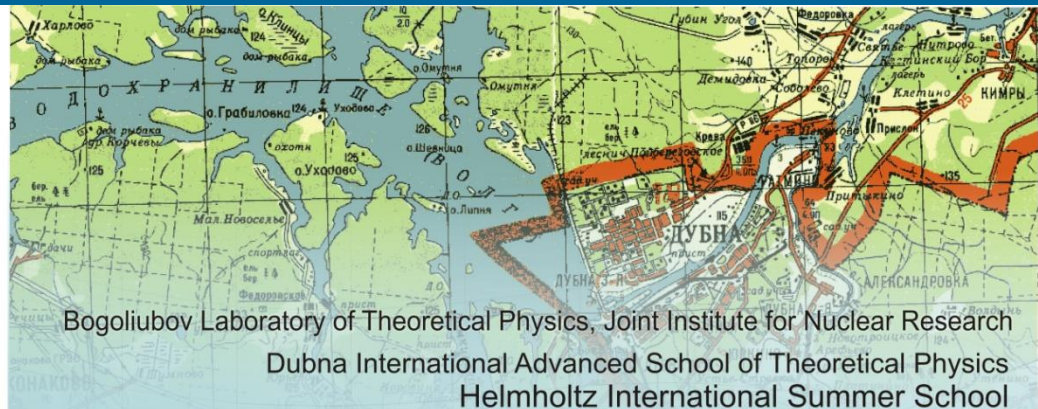
6th International Workshop on

Critical Point and Onset of Deconfinement

JINR Dubna, August 23-29, 2010

COMMON TOPICS

NONEQUILIBRIUM AND TRANSPORT PHENOMENA IN DENSE MATTER
QCD PHASES IN HEAVY-ION COLLISIONS AND ASTROPHYSICS
EQUATION OF STATE AND QCD PHASE TRANSITION
HADRON PRODUCTION IN HEAVY-ION COLLISIONS
PRESENT AND FUTURE EXPERIMENTS



Lattice QCD, Hadron Structure and Hadronic Matter

Dubna, Russia, September 5 - 17, 2011

Introduction to Lattice Gauge Theories
Hadron structure and spectroscopy
Nonzero temperature and baryon number density
Heavy quark physics
Beyond the Standard Model
Strong magnetic fields
Simulation algorithms and analysis techniques

ORGANIZERS:

R. Sommer (NIC, DESY, Zeuthen)
A. Sorin (JINR, Dubna)

LECTURERS:

S. Catterall (*Syracuse U.*)
M. Goeckeler (*ITP, Regensburg U.*)
M. Mueller-Preussker (*Humboldt U., Berlin*)
K. Jansen (*NIC, DESY, Zeuthen*)
F. Karsch (*Bielefeld U. & BNL*)
D. I. Kazakov (*BLTP, JINR*)
M. Peardon (*Trinity College, Dublin*)
P. Petreczky (*BNL*)
M. Polikarpov (*ITEP, Moscow*)
M. Polyakov (*S.-Pb. Nucl. Phys. Inst., Gatchina & Bochum U.*)
C. Schmidt (*Frankfurt U. & GSI, Darmstadt*)
R. Sommer (*NIC, DESY, Zeuthen*)
A. S. Sorin (*BLTP, JINR*)
O. V. Teryaev (*BLTP, JINR*)
C. Urbach (*Bonn U.*)
V. I. Zakharov (*ITEP, Moscow*)

The deadline for submitting
applications is June 15, 2011.



Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research

CONTACTS: 141980 Dubna, Russia; Phone: (+749621) 65084; e-mail: diastp@theor.jinr.ru
<http://theor.jinr.ru/~diastp/summer11>

XX International Symposium on Spin Physics (SPIN2012)

Dubna, September 17 – 22, 2012



Lecture Halls at the JINR Laboratories



A large conference hall in the JINR Conference Centre



Large conference hall in the Laboratory of High Energy Physics (400 seats)



Conference hall in the Laboratory of High Energy Physics (150 seats)



Conference hall in the Laboratory of High Energy Physics (70 seats)



Seminar rooms in the Laboratory for High Energy Physics (30-40 seats)



Lunch place in the Laboratory for High Energy Physics (400 seats)





Dubna Hotel



243 comfortable, fully equipped rooms of the Dubna hotel are available for accommodation.

Together, the Dubna Hotel and Dubna Grill can accommodate **333** people

“Dubna-Grill” Hotel



A Luxury room in the hotel “Dubna”, Vekslera str., 8



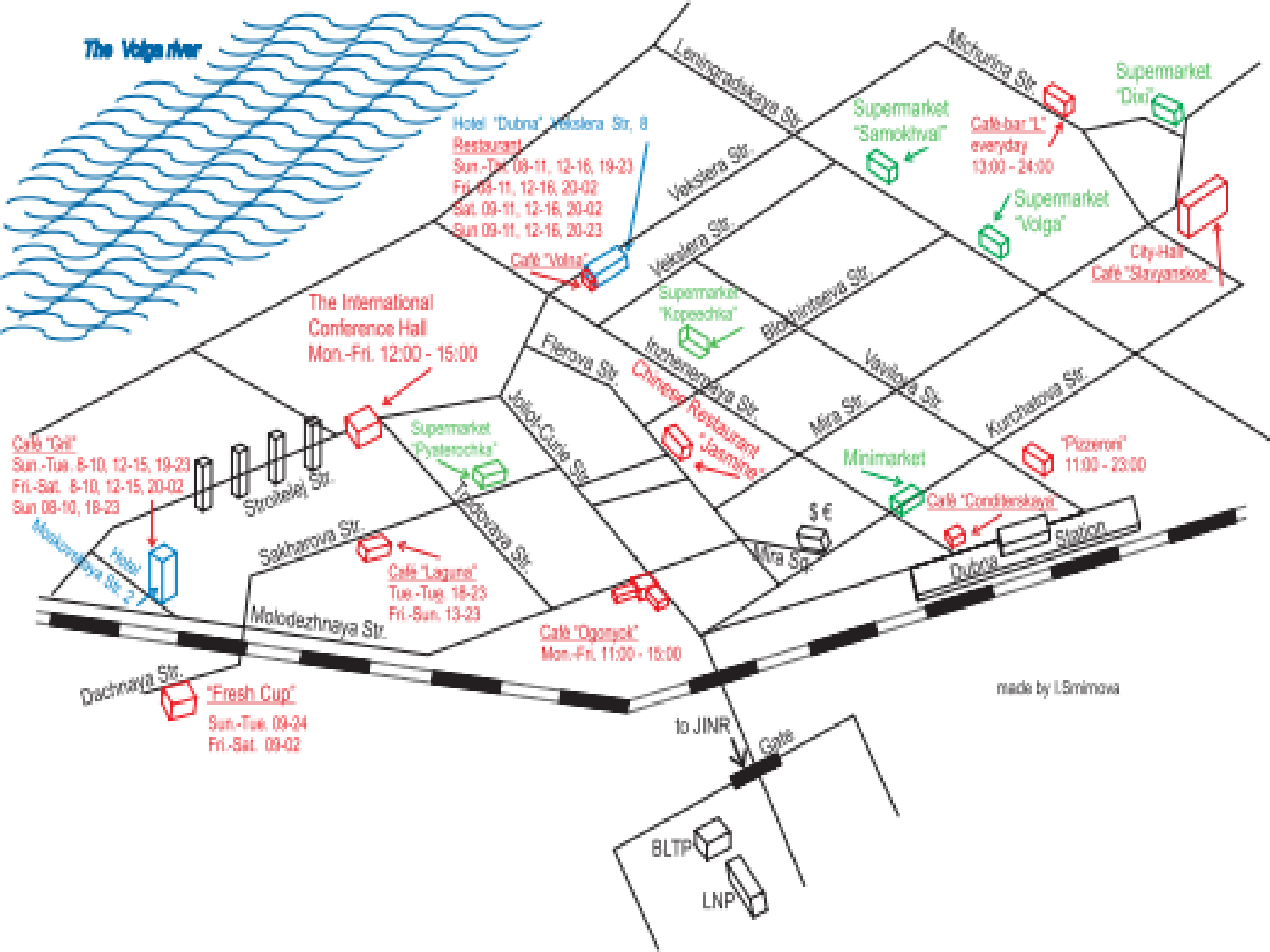
Rooms in the hotel "Dubna", Vekslera str., 8



Standard rooms in the hotel "Dubna - 3", Moskovskaya str., 2



The Volga river



There are many good places to eat and to enjoy each other's company in Dubna

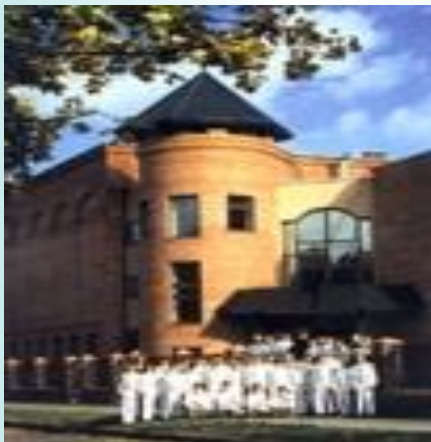


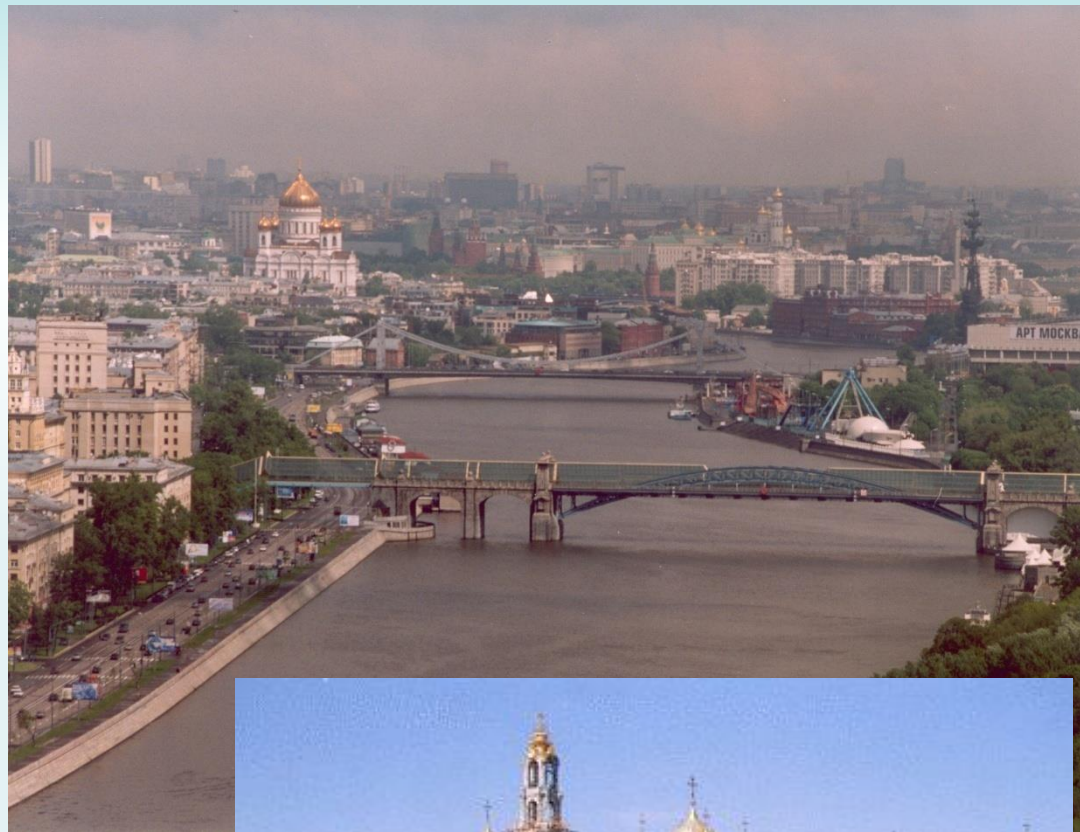
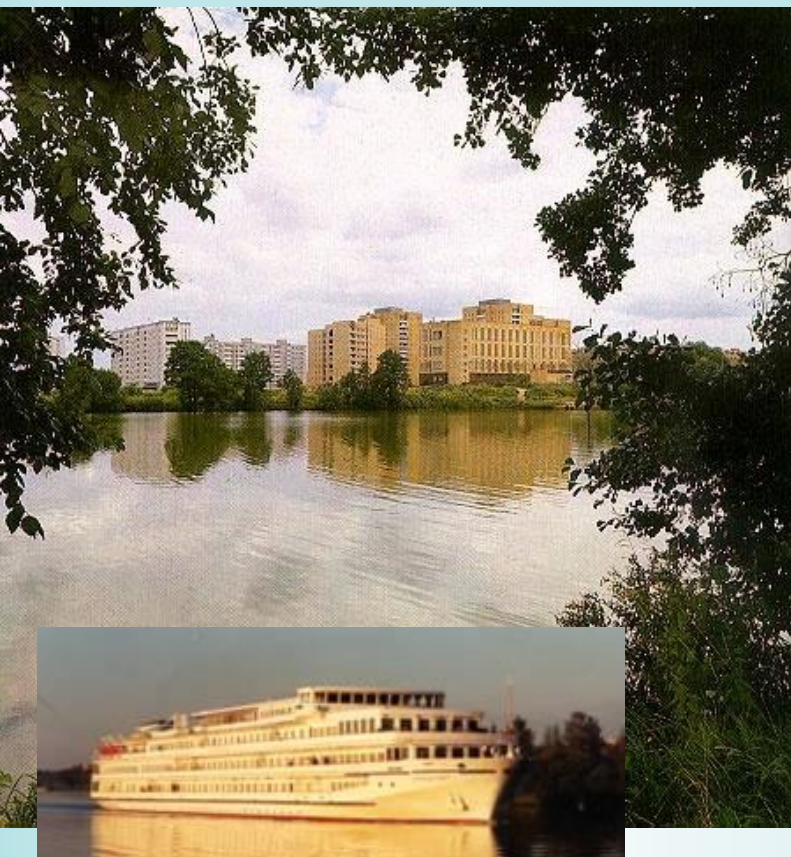


Reception in the Scientific Club Cafe



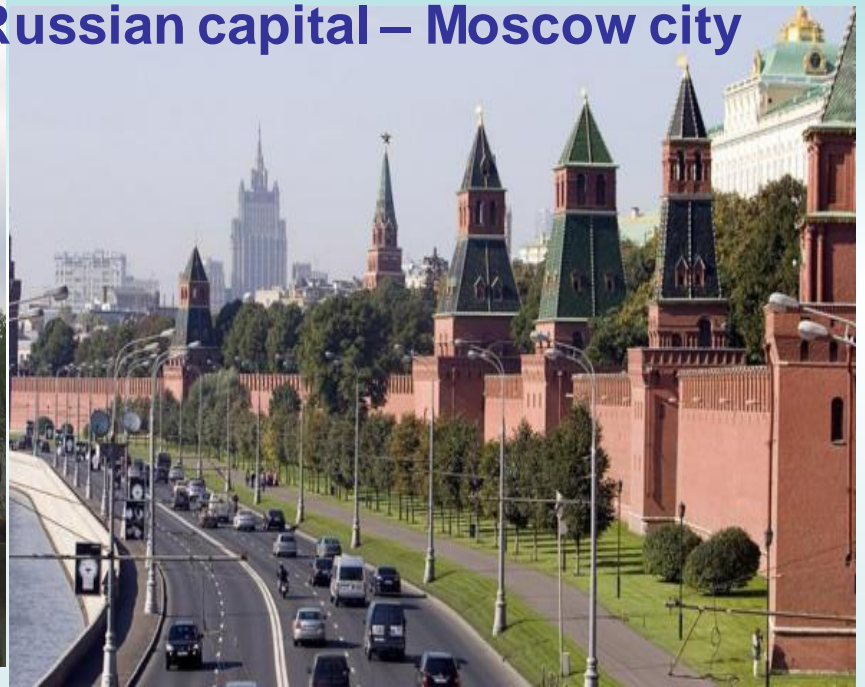
Dubna – Culture Life





Dubna is a quiet and pleasant town situated on the picturesque banks of the Volga River. There is a railway and bus connection between Dubna and Moscow. Its surroundings offer peaceful rural scenery, which, though having no famous monuments, keeps memories of the past. A 2-hour trip brings you to Moscow or Sergiev Posad (the Russian Orthodox center with its 500-year-old Trinity Monastery) or to Klin with the famous Tchaikovsky home museum.

Sightseeing in the Russian capital – Moscow city



Sightseeing in Sergiev Posad



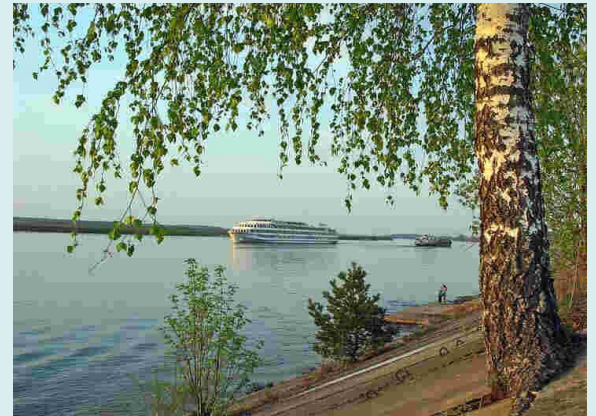
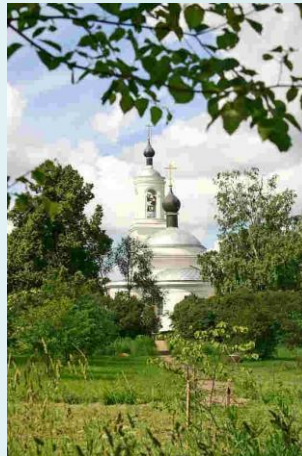
Sightseeing in Pereyaslavl Zaleskiy



There are many beautiful scenes in and around Dubna



Dubna Sightseeing







Historical and Modern Buildings in Dubna



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Welcome to Dubna!



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Practical Considerations

JINR has a long experience hosting international conferences of this scope

For an international conference of this scope, the registration fee is typically approximately 350 Euro which includes hospitality and proceedings

Standard hotel accommodation in the two Institute hotels with western style accommodation is approximately 40 Euro per night—student dorms possible if needed

Many restaurants are available in the town which have English translation menus. Excellent meals can be had starting from 10-15 Euro, with lunches available at the Institute cafeterias (there are several) for much less (approximately 5 Euro)

Typically for such meetings, JINR proposes to the Russian Foundation for Basic Research, Dynasty Foundation, UNESCO-IBSP, etc. for financial support for students to attend. Other support will be sought (JINR budget, Heisenberg-Landau, Bogoliubov-Infeld and Blokhintsev-Votruba Programs, etc.)

Bus transportation from Moscow airports to JINR and back at the end of the conference will be provided for nominal additional fee

Private cars can be arranged through the Institute for a fee

Conference will include an excursion to local points of cultural interest and a companions program

Wireless internet available in conference halls and at Dubna Hotels (free)

- ✓ Every year the Joint Institute for Nuclear Research hosts more than **65** meetings of different type
- ✓ Qualified staff of the JINR Department of International Scientific Cooperation will take care of visa arrangement and will assist participants with their visit
- ✓ JINR has sufficient resources to organize and carry out properly various corporate events like workshops, meetings and conferences