

International Conference Condensed Matter Research at the IBR-2 June 24 – 27, 2014 <u>http://cmr-ibr.jinr.ru</u>



FIRST ANNOUNCEMENT

SCOPE

After recent modernization completed in 2011, the IBR high flux pulsed reactor renewed a regular operation and realization of the User Programme. Neutron scattering research at IBR-2 reactor covers different fields of condensed matter physics, materials science, chemistry, biophysical, geophysical and engineering sciences. At present, 200 experiments per year are performed by scientists from more than 20 countries at IBR-2 instruments in the framework of the User Programme.

The aim of the Conference on Condensed Matter Research at IBR-2 reactor, playing the role of the User Meeting, is to bring together the users of the neutron facility for discussion of recent experimental results, prospects of future research and development of IBR-2 instruments.

The topics of the Conference will highlight results of interdisciplinary research and development of neutron instruments and techniques, including:

- Functional and nanostructured materials;
- Magnetic colloid systems;
- Layered magnetic nanostructures;
- Carbon nanostructures;
- Materials under extreme conditions;
- Soft condensed matter (biological nanosystems, lipid membranes, polymers);
- Lattice and molecular dynamics of materials;
- Texture and properties of rocks and minerals;
- Residual stresses in materials and products;
- Neutron imaging;
- Development of IBR-2 instruments;
- Development of neutron scattering techniques;
- Development of neutron detectors.



organized by the Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia







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LOCAL ORGANIZING COMMITTEE

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Prof. A.V. Puchkov (Russia)
Prof. V.A. Somenkov (Russia)

REGISTRATION FEES AND ACCOMMODATION

There is no registration fee for participation.

Accommodation for participants will be provided in hotel "Dubna" in single and double rooms. The approximate accommodation cost is \$30-50 per night.



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DEADLINES

First announcement:	28.02.2014
On-line registration and abstract submission:	15.04.2014
Visa support:	15.04.2014
Programme:	5.06.2014
Arrival:	24.06.2014
Departure:	27.06.2014

LOCATION

Dubna is a small and quiet town situated 120 km north of Moscow on the picturesque banks of the great Russian river Volga. There are railway and bus connections between Dubna and Moscow.

Dubna is well known as an international scientific center for studies of condensed matter, nuclei and elementary particles. More detailed information about Dubna can be found at <u>www.dubna.ru</u>. The web-site of the Joint Institute for Nuclear Research is <u>www.jinr.ru</u>.

CONTACT INFORMATION

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Visas & transport

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CONFERENCE WEB-SITE: http://cmr-ibr.jinr.ru



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