

**CMR@IBR-2**

**International Conference
Condensed Matter Research at the IBR-2
October 11 - 15, 2015**
<http://cmr-ibr.jinr.ru>



FIRST ANNOUNCEMENT

SCOPE

Since 2012, the IBR high flux pulsed reactor renewed regular operation at nominal power for scientific research 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 regular Conferences on Condensed Matter Research at IBR-2 reactor, playing the role of the User Meetings, 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 previous Conference was held in June 2014 and attracted 105 participants from Azerbaijan, Bulgaria, Czech Republic, Germany, Italy, Moldova, Mongolia, Romania, Russia, Slovak Republic, Ukraine.

The present Conference will be dedicated to 100th anniversary of the birth of outstanding Soviet physicist Fyodor L. Shapiro, who provided fundamental contribution to establishment and development of the experimental facilities and basic research areas at the Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research.

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.



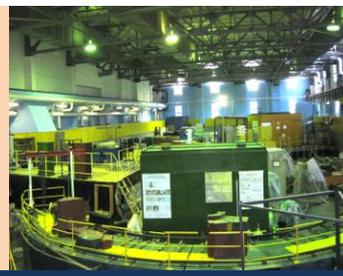
*organized by the
Frank Laboratory of Neutron Physics,
Joint Institute for Nuclear Research,
Dubna, Russia*



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Programme of the Conference includes plenary reports (40 min), topic reports (20 min) and poster presentations.

The Working languages – English and Russian.

LOCAL ORGANIZING COMMITTEE

Prof. D.P. Kozlenko – Chairman
Dr. M.V. Avdeev
Dr. G.D. Bokuchava
Dr. D.M. Chudoba
Mrs. T.S. Donskova – Secretary
Mrs. Yu.E. Gorshkova – Scientific Secretary
Mr. S.V. Kozenkov
Dr. B.N. Savenko

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Prof. D. Nagy (Hungary)
Prof. W. Nawrocik (Poland)
Prof. V.A. Somenkov (Russia)

PROCEEDINGS OF THE CONFERENCE

Selected papers containing results presented at the Conference will be published in Journal of Surface Investigation. X-Ray, Synchrotron and Neutron Techniques.

The authors instructions can be found at

<http://www.maik.ru/cgi-perl/journal.pl?lang=eng&name=surfinv&page=main>.

The manuscript length should not exceed 7 pages. The manuscripts should be submitted to the Organizing Committee by **15 October**.

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:	15.04.2015
On-line registration and abstract submission:	30.06.2015
Visa support:	30.06.2015
Programme:	20.09.2015
Arrival:	11.10.2015
Departure:	15.10.2015

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 www.dubna.ru. The web-site of the Joint Institute for Nuclear Research is www.jinr.ru.

CONTACT INFORMATION

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



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