

International Conference Condensed Matter Research at the IBR-2

<http://cmr-ibr.jinr.ru> cmr@nf.jinr.ru



April 25 - 29
2022
Dubna
Russia

SCOPE

The Frank Laboratory of Neutron Physics (Joint Institute for Nuclear Research) invites interested researchers to attend the International Conference on Condensed Matter Research at the IBR-2 reactor (CMR@IBR2-2022) for discussion of recent experimental results, prospects of future research, development of IBR-2 instruments and neutron scattering techniques.

Neutron scattering research at the IBR-2 reactor covers different fields of condensed matter physics, materials science, chemistry, biophysical, geophysical and engineering sciences. During the last years, over 200 experiments per year were performed at the IBR-2 instruments by scientists from more than 20 countries in the framework of the User Program.

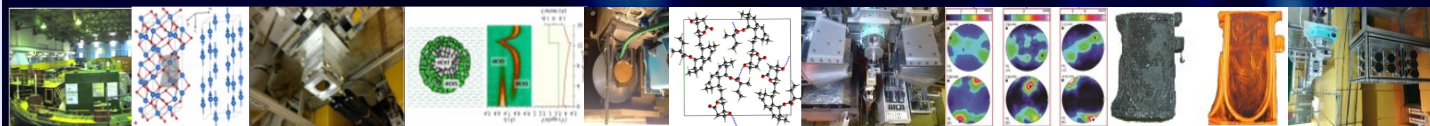
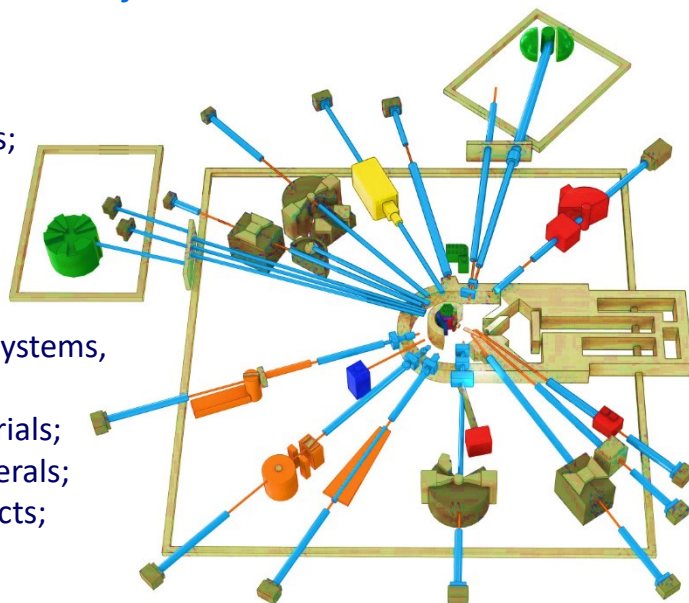
The previous Conferences held in 2014, 2015, 2017 and 2020 attracted participants from Azerbaijan, Belarus, Bulgaria, Czech Republic, Estonia, Germany, Italy, Kazakhstan, Latvia, Moldova, Mongolia, Poland, Romania, Russia, Serbia, Slovak Republic, Ukraine and Vietnam.

The conference is dedicated to 65th Anniversary of the Frank Laboratory of Neutron Physics.

In light of the ongoing coronavirus pandemic, it is planned to organize the upcoming CMR@IBR-2 Conference ONLINE.

TOPICS

- ✓ 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 and detectors;
- ✓ Application of complementary techniques in condensed matter research.



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PROCEEDINGS OF THE CONFERENCE

The publication of the selected papers containing results presented at the Conference in a peer-reviewed journal is planned. More details will be announced later.

*Frank Laboratory of
Neutron Physics*

<http://flnph.jinr.ru/>



*Joint Institute for
Nuclear Research*

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DEADLINES

First announcement:	15.01.2022
Online registration and abstract submission:	01.03.2022
Online programme:	15.04.2022
Technical instructions for online participation:	20.04.2022

REGISTRATION FEE

There is no registration fee for participation.

WEBSITE

<http://cmr-ibr.jinr.ru>

CONTACT INFORMATION

Scientific secretary

Ms. Veronica Smirnova

Frank Laboratory of Neutron Physics

Joint Institute for Nuclear Research

141980 Dubna Moscow Region Russia

Tel.: (+7-496-21) 62112

E-mail: cmr@nf.jinr.ru

