

FLNP SEMINARS

- **L.S. Dubrovinsky** (Bavarian Research Institute of Experimental Geochemistry and Geophysics University of Bayreuth, Germany) Internal structure of the Earth: results of studies of geological materials under extreme conditions. (22.01.2014)
- **N.D. Dikoussar** (LIT JINR) The basic element method (piecewise polynomial approximations of high orders). (06.02.2014)
- **A.B. Popov** (FLNP, JINR) From the history of neutron research in FLNP. Seminar dedicated to the 80th anniversary of A.B. Popov. (19.02.2014)
- **D.M. Itkis** (Lomonosov Moscow State University) Lithium intercalation into nanostructured vanadium oxides. (21.04.2014)
- **Dr. Sheldon Landsberger** (University of Texas at Austin, USA) Course: Gamma-Spectrometry and Advances in Nuclear Methodologies in Low Level Gamma Ray Counting: Applications in Environmental Analysis. (14.04.2014-18.04.2014)
- **V.I. Feldman** (Lomonosov Moscow State University) Investigation of radiation-induced chemical transformations in systems based on mesitylene and mesitylene-xylene mixtures. (21.05.2014)
- **I. Mukha** (GSI Helmholtzzentrum für Schwerionenforschung, Germany) Neutron radioactivity. (12.06.2014)
- **P. Kopcansky** (Institute of Experimental Physics, Kosice, Slovakia) Cooperative phenomena in complex systems containing magnetic nanoparticles with perspective applications in biomedicine and industry. (13.10.2014)
- **F.I. Furman** Seminar dedicated to the 90th anniversary of L.B. Pikelner. (10.11.2014)
- **A.V. Belushkin** (FLPN JINR) Ireneusz Natkaniec and neutron scattering in Dubna. (14.11.2014)
- **J. Benkhoff** (European Space Agency, Germany) BepiColombo – a joint ESA/JAXA mission to explore Mercury. (04.12.2014)
- Seminar dedicated to the 80th anniversary of V.I. Lushikov. (10.12.2014)



L.B. Pikelner



A.B. Popov



V.I. Lushikov

5. EVENTS

CONFERENCES AND MEETINGS

On May 27-30, 2014 the XXII International Seminar on Interaction of Neutrons with Nuclei (ISINN-XXII) was held in Dubna. It is the traditional FLNP annual workshop in the field.

On June 24-27, 2014 FLNP organized a conference "Condensed Matter Research at IBR-2 reactor". The aim of the conference was 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.



ISINN-22

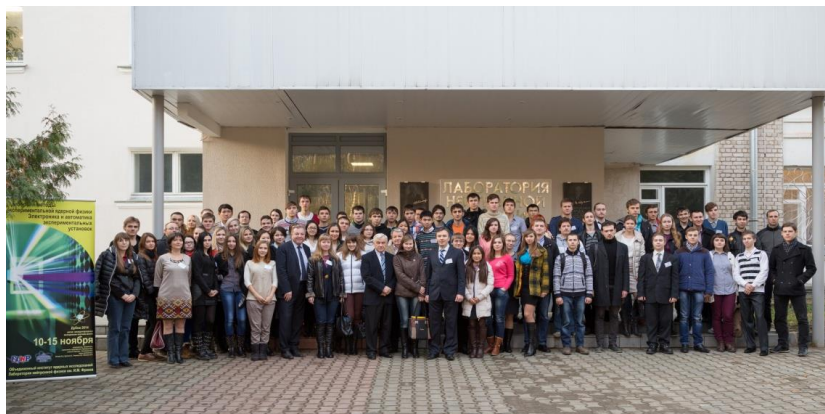


Condensed Matter Research at IBR-2 reactor

On September 29 - October 03 the International Summer School and Workshop "Complex and Magnetic Soft Matter Systems: Physico-Mechanical Properties and Structure" was held in Dubna. The workshop was organized in collaboration with the Institute of Continuous Media Mechanics of Russian Academy of Sciences, Romanian Society of Physics, West University of Timisoara, and Horia Hulubei National Institute of Physics and Nuclear Engineering.

EDUCATIONAL PROGRAM

In 2014, the **V International Scientific School for Young Scientists and Students "Instruments and Methods of Experimental Nuclear Physics. Electronics and Automatics of Experimental Facilities"** (November 10-15, Dubna) was organized in the Frank Laboratory of Neutron Physics. The School brought together students, postgraduates and young scientists selected with regard to their specialization from 13 cities of Russia, Ukraine, Belarus, Kazakhstan, Armenia and Mongolia. The purpose of the School was to introduce the participants to the current state of the art in the instrumentation and methods of neutron experiments.



The FLNP successfully collaborates with the JINR University Centre in the organization of summer practical work for students from the JINR Member States (Belarus, Czech Republic, Poland, Romania, Slovakia,) and Associated countries (Egypt, South Africa).



Student practice



Practice for Students from Arab Republic of Egypt

Lectures and excursions to the FLNP facilities for teachers of physics from Russia and the JINR Member States were organized.

VISITS AT OUR FACILITIES

- Head of the Department of Nuclear Physics, Taras Shevchenko National University, Prof. Dr. Igor Kadenko and Head of Materials Science Department of the Vinča Institute of Nuclear Sciences, Belgrade, Dr. Branko Matovic visited FLNP JINR in February 2014
- On February 25, Prof. Dr. Mohamed Salem Badawi from Alexandria University, Egypt visited FLNP JINR.
- On March 6, Dr. Douglas Glenzinski, spokesperson of the Mu2e experiment at Fermilab, USA, visited the FLNP. During his visit, Dr. Glenzinski visited the IBR-2 reactor and IREN facility.
- On April 6, the staff members of the Embassy of the Republic of Poland in the Russian Federation in Moscow headed by the Deputy Ambassador Extraordinary and Plenipotentiary of the Republic of Poland to the Russian Federation Ksiazek Jaroslaw visited the Frank Laboratory of Neutron Physics. The guests visited the IBR-2 instruments (KOLKHIDA, REGATA) and IREN.



Members of the Embassy of the Republic of Poland in the Russian Federation in Moscow



Dr. Branko Matovic visit

- On June 17, the participants of the India-JINR Forum "Frontiers in Nuclear, Elementary Particle and Condensed Matter Physics" held in JINR from June 16 to June 20, 2014, visited the Laboratory. Members of the delegation met the Laboratory Directorate and visited the facilities on the IBR-2 reactor (REGATA and REMUR).
- On September 16, 2014 a delegation from India visited FLNP. Among the members of the delegation were the Science Attaché at the Indian Embassy, representatives of the Ministries, academic institutes and research centers. They met with the Laboratory Directorate and visited the IBR-2 reactor.