

October 12 (Monday)

International Conference Hall of the JINR (Stroiteley Str. 2)

9.00 - 9.50		Registration (1 st floor)
9.50 - 10.10		Opening (3 rd floor)
10.10-10.50	Dr. SHVETSOV, Valeriy	Frank Laboratory of Neutron Physics
10.50 - 11.30	Prof. AKSENOV, Victor	Russia Neutron Landscape
11.30 - 12.10		Coffee break
12.10 - 12.50	Prof. ANTIPOV, Evgeny	Tc-enhancement of Fe _{1+d} Se by electrochemical lithium intercalation
12.50 – 13.30	Dr. ITKIS, Daniil	In operando studies of electrochemical interfaces
13.30 – 15.00		Lunch break
15.00 – 15.40	Dr. ISTOMIN, Sergey	Спиновое состояние катионов Co ³⁺ в перовскитоподобных оксидах
15.40 – 16.00	Dr. DROZHZHIN, Oleg	Phase transitions upon Li (de) intercalation in Li _x Fe _{1-y} Mn _y PO ₄ (0≤x≤1, 0≤y≤0.5)
16.00 – 16.20		Coffee break
16.20 – 16.40	Dr. IVANISHCHEV, Alexander	A comparative study of lithium-vanadium phosphate and fluorophosphate: Application of neutron diffraction and electrochemical methods
16.40 – 17.00	Dr. MINYUKOVA, Tatyana	Distribution of cations in the Cu-containing oxides of a spinel structure and its influence on the catalytic properties in the low-temperature WGS
17.00 – 17.20	Dr. BOBRIKOV, Ivan	Evolution of crystal structure of cathode material LiNi _{0.8} Al _{0.1} Co _{0.1} O ₂ during electrochemical cycling
18.30 – 20.30		Hospitality event restaurant "Dubna" (<i>Vekslera Str. 8</i>)

October 13 (Tuesday)

Frank Laboratory of Neutron Physics (FLNP Conference hall, bild. 42, 3rd floor)

9.30 - 10.10	Dr. IOFFE, Alexander	Development of advanced neutron scattering instrumentation for long pulse neutron sources
10.10-10.30	Dr. KIRILOV, Andrey	Sonix+ - основа программного обеспечения комплекса спектрометров реактора ИБР-2
10.30 - 10.50	Dr. NIKITENKO, Yuri	SPIN-ECHO spectrometry in grazing geometry
10.50 - 11.30	Poster Session 1	
11.30 - 12.10	Coffee break	
12.10 - 12.50	Dr. KOZLENKO, Denis	Neutron scattering instruments of IBR-2 high flux pulsed reactor for condensed matter research: Current state and recent results
12.50 – 13.10	Dr. KOZHEVNIKOV, Sergey	System of neutron microbeams from a planar waveguide
13.10 – 13.30	Prof. RAITMAN, Ernst	Propagation of neutron spherical waves through a thick, vibrating Ge single crystal
13.30 – 15.00	Lunch break	
15.00 – 15.20	Mr. ZHAKETOV, Vladimir	Magnetism of nanostructures with ferromagnetic and superconducting layers
15.20 – 15.40	Ms. RYABUKHINA, Marina	Determination of magnetic order in superlattices Fe/Cr/Gd
15.40 – 16.00	Ms. YAKUNINA, Elena	Investigation of magnetism in multilayer metallic nanostructures Fe/MgO/Fe and Fe/MgO/Cr/MgO/Fe using polarized neutron reflectometry
16.00 – 16.20	Coffee break	
16.20 – 16.40	Dr. DINCA, Marin	Investigation of an ancient thracian spear fragment with neutrons and X-rays
16.40 – 17.00	Mr. PAKHNEVICH, Alexey	Опыт исследования палеонтологических объектов с помощью нейтронной томографии на реакторе ИБР-2
17.00 – 17.20	Prof. ZISMAN, Alexander	Texture investigation through thickness of rolled high-strength steel
17.20 – 17.40	Mr. ZEL, Ivan	Elastic anisotropy of layered rocks: Crystallographic texture and ultrasonic measurements of plagioclase-biotite gneiss versus effective media modeling by neutron diffraction

October 14 (Wednesday)

Frank Laboratory of Neutron Physics (FLNP Conference hall, bild. 42, 3rd floor)

9.30 - 10.10	Dr. KOPCANSKY, Peter	Ferronematics - the way to magnetovision camera
10.10-10.30	Dr. RAJNAK, Michal	Electric field driven assembly of ferrofluid magnetic nanoparticles studied by small angle neutron scattering (SANS)
10.30 - 10.50	Dr. NAGORNYI, Anatolii	Neutron investigations of water-based ferrofluids synthesized by different methods
10.50 - 11.30	Poster Session 2	
11.30 - 12.10	Coffee break	
12.10 - 12.50	Prof. VUL, Alexander	Detonation nanodiamond. Technology, properties and applications
12.50 – 13.10	Dr. LEBEDEV, Vasily	Structure of aqueous gels of nanodiamonds by small-angle neutron scattering
13.10 – 13.30	Dr. KYZYMA, Olena	On the influence of the nC ₆₀ , nC ₇₀ aggregate structure on the toxicity of aqueous fullerene solutions
13.30 – 15.00	Lunch break	
15.00 – 15.20	Dr. TROPIN, Timur	Investigation and theoretical modeling of polystyrene glass transition in a wide range of cooling rates
15.20 – 15.40	Prof. KHOLMURODOV, Kholmirzo T.	Microstructure of organic solutions of mono-carboxylic acids: Combined study by small-angle neutron scattering and molecular dynamics simulations
15.40 – 16.00	Dr. TURCHENKO, Vitalii	Crystal structure and magnetic properties Sr _{1+x} Ba _{1-x} Fe _{1+x} Mo _{1-x} O ₆ (x= 0 and 0.1)
16.00 – 16.20	Coffee break	
16.20 – 16.40	Prof. BALGAVÝ, Pavol	Effects of normal alkanes on bilayer thickness in dioleoylphosphatidylcholine liposomes
16.40 – 17.00	Dr. ISAEV-IVANOV, Vladimir	Фрактальная организация хроматина ядер эукариот по данным МУРН: общие принципы
17.00 – 17.20	Mr. KONDELA, Tomas	Real-time neutron diffraction from lipid membranes
17.20 – 17.40	Dr. FELDMAN, Tatiana	Study of visual pigment rhodopsin supra-molecular organization in photoreceptor membrane by small angle neutron scattering method with contrast variation

October 15 (Thursday)

Frank Laboratory of Neutron Physics (FLNP Conference hall, bild. 42, 3rd floor)

9.30 - 10.10	Prof. ALEKSEEV, Pavel	Exotic magnetic ordering in systems with strongly correlated electrons
10.10-10.50	Dr. CLEMENTYEV, Evgeny	Direct vs inverted TOF geometry in the studies of magnetic and lattice excitations
10.50 - 11.10	Dr. BILSKI, Paweł	High pressure measurements on the NERA facility
11.10 - 11.30	Dr. GOREMYCHKIN, Evgeny	Spin excitation in the iron based high Tc superconductor $\text{FeTe}_{1-x}\text{Se}_x$
11.30 - 12.10	Coffee break	
12.10 - 12.30	Prof. KREZHOV, Kiril	Synthesis and characterization of new lead-based perovskites with crystallographic shear planes
12.30 - 12.50	Dr. MATOVIC, Branko	New mesoporous ceria synthesized by templating procedure
12.50 – 13.10	Dr. KURLOV, Alexey	Microstructure of nanocrystalline nonstoichiometric niobium $\text{NbC}_{0.93}$ and vanadium $\text{VC}_{0.875}$ carbides
13.10 – 13.30	Dr. BOBORIKO, Natalia	Structural peculiarities of $\text{TiO}_2:\text{MoO}_3$ nanocomposites that ensure their catalytic activity
13.30 – 15.00	Lunch break	
15.00 – 15.20	Dr. CHUDOBA, Dorota	FLNP JINR user programme
15.20 – 16.00	ROUND TABLE	
16.00 – 16.20	Meeting closure	