

Monday, 22.08.2022

Time	UNICS Concert Hall, Professor Nuzhin Street, 2				
09:00	Entrance is open				
10:00	Opening ceremony				
11:00	Pl.1 Sergey STRELTSOV Spin-orbit transition metal compounds				
12:00	Pl.10 Sergey DEMISHEV Spin fluctuation transitions in the spiral magnet MnSi				
13:00	Lunch time				
	Tukay Hall Section A	Saydashev Hall Section B	Kutuy Hall Section J	Board room Section D	Regina Hall Section E
15:00	A.I1 Vladimir USTINOV Chiral helimagnet as a spin wind turbine and spin archimedean screw	B.I1 Kev SALIKHOV On the theory of spin nutation	J.I1 Nikolay MUSHNIKOV Field-induced magnetic phase transitions in highly anisotropic RFe ₃ Al ₇ ferromagnets	D.I1 Maksim SAPOZHNIKOV Zigzag domains in magnetic films with anisotropic of Dzyaloshinskii-Moriya interaction	E.O1 Vladimir SKIDANOV Proximity induced long-range transformation of transverse magneto-optical Kerr effect in bilayers of magnetic and normal transition metals
15:15					E.O2 Svetlana EFREMOVA Fabrication of one-dimensional magnetophotonic crystals containing metal organic decomposition-prepared bismuth-substituted yttrium iron garnet
15:30	A.O1 Petr SKIRDKOV Easy-cone state in spin-torque diode under combined action of magnetostatics and interfacial perpendicular magnetic anisotropy	B.O1 Polina AGZAMOVA Electronic structure and hyperfine interactions in Cr _x NbSe ₂ (x = 0.33, 0.5) by DFT studies	J.O1 Alexander PIROGOV Magnetic structures in (La _{1-x} Tb _x)Mn ₂ Si ₂	D.O1 Evgenii MAGADEEV Vortex nanoobjects in perforated ferromagnetic films	E.O3 Alexander GRANOVSKY Hall effect in Heusler-type magnetic shape memory alloys

15:45	A.02 Anton TARASOV Ferromagnetic silicides and germanides epitaxial films and multilayered hybrid structures: syntheses, magnetic and transport properties	B.02 Nikolay CHTCHELKATCHEV Time-dependent exchange creates the time-frustrated state of matter	J.02 Nadezhda KOSTYUCHENKO Investigation of the ultra-high field-induced phase transition in the $(\text{Nd,Dy})_2\text{Fe}_{14}\text{B}$	D.02 Vitalii KAPITAN Simulation of magnetic skyrmions on flat lattices	E.04 Elena GANSHINA Magneto-optical spectroscopy of $(\text{CoFeB})_x(\text{LiNbO}_3)_{100-x}$ nanocomposites below the percolation threshold
16:00	A.03 Dmitry TATARSKIY Metastable states in exchange-coupled ferromagnetic disks	B.03 Nikita SNEGIREV Evolution of the magnetic properties of febo3 single crystals under gallium doping	J.03 Kamil GAREEV Superparamagnetism and hysteresis characteristics of composites $\text{Fe}_2\text{O}_4\text{-Fe}_{3-x}\text{Ti}_x\text{O}_4$: Micromagnetic modeling	D.03 Vitaly ORLOV Thermally activated drift of magnetic vortices in a random field of defects	E.05 Evgeny KARASHNIN Switchable terahertz emission by magnetic tunnel junction
16:15	A.04 Roman YUSUPOV Ultrafast signatures of magnetic inhomogeneity in $\text{Pd}_{1-x}\text{Fe}_x$ ($x \leq 0.08$) epitaxial thin films	B.04 Nikolai KHOKHLOV Spectrum evolution of magnetostatic waves excited via femtosecond laser pulses in anisotropic films	J.04 Larisa PANINA High frequency magnetoimpedance (MI) in amorphous microwires with different anisotropy near the Curie temperature	D.04 Sergey PAMYATNYKH Reversal of domain walls drift direction in harmonic magnetic field in iron garnet crystals	E.06 Dmitry KUZMIN Magnetic modulation of hyperbolic surface plasmon-polaritons in uniaxial metasurfaces
16:30	A.05 Atul THAKUR Co-Zn nanoferrites for high frequency applications: correlations between dielectric and magnetic properties	B.05 Vladimir VLASOV Theory and experiment of the ferromagnetic resonance in nanocomposite metal-dielectric films	J.05 Olga DEMIDENKO Electromagnetic properties of composite material based on ABC100.30 iron encapsulated by phosphorus oxide	D.05 Tatiana MURZINA Nonlinear optical studies of residual domain structure of epitaxial garnet films	E.07 Alexey YURASOV Influence of dimensional effects and size distribution of granules on optical and magneto-optical properties of nanostructures
16:45	A.06 Vladimir GORNAKOV Spacer thickness and temperature dependences of the interlayer exchange coupling in a Co/Pt/Co three-layer structure	B.06 Sergei ZHURENKO Magnetic structure of $\text{FeP}_{1-x}\text{As}_x$ ($x = 0.33, 0.5$) as seen by NMR spectroscopy	J.06 Evgenii GOLYGIN Acid etching effects on thermal stability of ΔE -effect in Cr-doped iron-based amorphous ribbons	D.06 Galiya ILYASOVA Structure and properties of kr -skyrmions in ferromagnetic films with spatially modulated parameters	E.08 Leonid OVESHNIKOV Magnetic and magneto-transport properties of MnSb polycrystals and MnSb-based composites
17:00	Welcome party				
19:00	Excursion «The Night Kazan»				

Tuesday, 23.08.2022

Time	Tukay Hall				
09:30	Pl.3 Sergei NIKITOV PT-symmetry and exceptional points in spintronics, magnonics, and phononics				
10:30	Pl.4 Sergei OVCHINNIKOV Spin crossovers in magnetic materials				
11:30	Coffee break				
	Tukay Hall Section A	Saydashev Hall Section B	Kutuy Hall Section J	Board room Section D	Regina Hall Section E
12:00	A.I2 Igor BURMISTROV Current noise geometrically generated by a driven magnet	B.I2 Leonid SVISTOV High-field magnetic structure of the triangular antiferromagnet $\text{RbFe}(\text{MoO}_4)_2$	J.I2 Aleksey VOLEGOV Selective laser sintering of high-coercivity permanent magnets	D.I2 Aleksandr DAVYDENKO Influence of the roughness of Co layers on the creep of domain walls in Pd/Co/Pd epitaxial structures	E.O9 Peter TANANAEV Thermal decomposition of metal oleates for fabrication of Bi:YIG optical films
12:15					E.O10 Victor PAVLOV Photo-induced magneto-optical phenomena in epitaxial EuO films
12:30	A.O7 Vladimir PRUDNIKOV Slow dynamics phenomena in magnetic multilayer nanostructures	B.I3 Yury BUNKOV Two types of magnon Bose condensation	J.O7 Elena DENISOVA Magnetic properties of composition graded Co-Ni rods	D.O7 Marina TEMIRYAZEVA Magnetic force microscopy of skyrmion formation in thin CoPt films	E.O11 Yuriy KNYAZEV Effect of the interparticle interactions on superparamagnetic relaxation
12:45	A.O8 Vladislav GUBANOV Influence of the effect of local laser heating on spin wave propagation in a bilayer ferromagnetic film		J.O8 Anna MAKURENKOVA Influence of hydrogenation on the structural and magnetic properties of $\text{Tb}(\text{Fe,Co})_{11}\text{Ti}$	D.O8 Irina KALENTYEVA Formation of the skyrmions in CoPt and CoPd thin films after ion irradiation	N.O1 Galina KURLYANDSKAYA Co-based amorphous materials: Toward high frequency functional composites

13:00	A.O9 Dmitry ZAGORSKIY Layered nanowires from metals of the iron group: synthesis, structure, properties and possible applications	B.I4 Konstantin ZVEZDIN Spin-torque diode effect: From fundamental research to applications	J.O9 Alexey LUKOYANOV Magnetic properties and electronic structure of Gd(Co,Ru)Si ternary intermetallics	D.O9 Alexander PAKHOMOV Temperature resolved dependencies of Gilbert damping in heterostructures MnBi ₂ Te ₄ /NiFe	E.O12 Elena GANSHINA Magneto-optical spectroscopy of GaSb-MnSb composites
13:15	A.O10 Anatoly YERMAKOV Magnetism and EPR spectra of nanocrystalline and amorphous TiO ₂ doped by Fe and Al	B.O7 Oleg VYASELEV Electron spin dynamics in a hexaboride superconductor YB ₆ probed by ⁸⁹ Y and ¹¹ B NMR	J.O10 Oleg AKSENOV Investigation of the magnetic properties of amorphous iron-based microwires with a partially crystallized surface layer	D.O10 Oleg UTESOV Mean-field description of topological phases in hexagonal frustrated antiferromagnets	E.O13 Sergej PRISCHEPA Low temperature oscillations of magnetoresistance in antimony-doped silicon
13:30	A.O11 Vladislav YURLOV Classical and quantum effects of the magnetization dynamics induced by picosecond pulse of spin current	B.O8 Liudmila GONCHAR Spin wave spectra in pseudoperovskite manganites with superexchange interaction competition	O.O1 Kirill SOBOLEV High temperature performance evolution in (Cr _{1-x} Mn _x) ₂ AlC max-phase upon manganese doping	D.O11 Vladimir ZVEREV Pinning of vortices during the passage of turbulent magnetization reversal waves in antidot films with through and non-through holes	E.O14 Vyacheslav MARCHENKOV Kinetic and magnetic properties of Heusler alloys in the states of a half-metallic ferromagnet, spin gapless semiconductor and topological semimetal
13:45	Lunch time				
	Tukay Hall Section A	Saydashev Hall Section B	Kutuy Hall Section J + M	Board room Section K	Regina Hall Section I
15:00	A.I3 Andrey FRAERMAN Tunneling Hall effect: Theory and experiment	B.I5 Andrei GIPPIUS Two-gap superconductivity in Mo ₅ Ga ₂₀ Sb intermetallic superconductor as evidenced by NMR and NQR spectroscopy	J.I3 Dmitry BALAEV Investigation of nanoparticles of materials with high magnetic anisotropy in strong pulsed magnetic fields	K.I1 Alexander MUKHIN Magnetoelectric effect in paramagnetic rare-earth langasites	I.I1 Valery RYAZANOV Multiterminal josephson structures with quasiparticle injection

15:30	A.I4 Lenar TAGIROV Controllable three-state magnetization switching in epitaxial Pd _{0.92} Fe _{0.08} /Ag/Pd _{0.96} Fe _{0.04} heterostructure	B.O9 Alexander OVCHINNIKOV Variety of spin resonance modes in the monoaxial chiral helimagnet Cr _{0.33} NbS ₂	M.I1 Nikolai PEROV Multifunctional magnetorheological materials and their application prospects	K.O1 Mikhail EREMIN Magnetoelectric coupling in FeCr ₂ O ₄ , FeV ₂ O ₄ , DyCrO ₄ and Fe ₂ Mo ₃ O ₈	I.I2 Alexander MEL'NIKOV Magnetochiral effect in superconducting hybrid structures
15:45	A.O12 Vasily BUCHELNIKOV The influence of exchange correlation functional on the properties of Mn ₂ V(Al,Si) Heusler alloys	B.O10 Evgeny SKOROKHODOV MRFM studies of ferromagnetic resonance in exchange-coupled magnetic vortices		K.O2 Artem TIKHANOVSKII Temperature behavior of magnetic and magnetoelectric properties in Fe langasites	
16:00	A.O13 Mikhail LOGUNOV Interface effects in heterogeneous integration of Bi ₃ Fe ₅ O ₁₂ films	B.O11 Ivan ABRAMOVSKY The precession of the equilibrium position in the two-layer structure with the exchange interlayer interaction	M.O1 Levan ICHKITIDZE Efficiency of magnetic nanoparticles in cancer hyperthermia	K.O3 Vsevolod IVANOV Detection of electric polarization in terbium orthoferrite	I.O1 Lev VINNIKOV The magnetic flux structure EuFe ₂ As ₂ single crystals doped by rubidium
16:15	A.O14 Igor LYAPILIN The effect of magnon-magnon drag in magnetic insulator layers through of non magnetic metal layer	B.O12 Igor YANILKIN Spin-wave resonance in Pd-Fe alloy films with inhomogeneous distribution of magnetic impurities	M.O2 Larisa PANINA "Magnetic core-gold shell" nanostructures for photothermal therapy	K.O4 Tatiana TARASENKO The role of manganese substitution in changing the magnetic and dielectric properties of bulk magnetoelectrics BiFe _{1-x} Mn _x O ₃ (x = 0.05 and 0.15)	I.O2 Sergey BAKURSKIY Superconducting hybrid spin-valve with spin-orbit interaction
16:30	A.O15 Georgy KICHIN Non-resonant broadband spin-torque diode rectification of microwave current in a MTJ with in-plane magnetization of the free layer	H.O1 Tatiana GAVRILOVA Magnetic properties of CaCu ₃ Ti ₄ O ₁₂ -Fe solid solutions	M.O3 Kateryna LEVADA Composites of gold supplemented with metal-doped CFO nanoparticles induce cytotoxic effect in Jurkat cell line	K.O5 Ivan VOLCHKOV Effect of doping impurities on the sensitivity of diamagnetic CdTe crystals to pulsed magnetic action	I.O3 Alexander BOBKOV Magnon-cooperons in magnet-superconductor hybrids

16:45	A.O16 Roman ZAVORNITSYN Spin valves for studying heli- coidal states in nanolayers of chiral Dy and Ho helimagnets	B.O13 Olga BABANOVA Anion and cation dynamics in nanoporous silica scaffolds: NMR studies of NaCB ₁₁ H ₁₂ in SBA-15	J.O11 Anastasiia DRIAGINA Synthesis and magnetic properties of Co, Ni and compounds of CoFe, NiFe nanowires	K.O6 Artem KUZMENKO Magnetic resonance in Ho- doped rare-earth langasite	I.O4 Yurij TALANOV Transport and micro- wave studies of magnetic fluctuation impact on the conductivity and supercon- ducting transition of iron chalcogenides
17:00	Coffee break				
18:00	Poster session:				
	Section A. Saydashev Hall				
	Section B. Kutuy Hall				
	Section C. Kutuy Hall				
	Section G. Kutuy Hall				
	Section H. Regina Hall				
	Section K. Regina Hall				

Wednesday, 24.08.2022

Time	Tukay Hall
09:30	Pl.5 Shuai DONG Manipulation of magnetism via ferroelectric switching
10:30	Pl.2 Sergey GRIGORIEV Neutron scattering methods for studying magnetism
11:30	Coffee break
12:00	Excursion «Town-island of Sviyazhsk»
18:30	Symposium dinner

Thursday, 25.08.2022

Time	Tukay Hall				
09:30	Pl.6 Alexander PYATAKOV The electric field-modulated surface energy of magnetic domain walls: Stripe domain structure "refraction" and magnetic bubble domain "blowing"				
10:30	Pl.7 Yuriy RAIKHER Ferromagnet particles in a polymer harness. Mesoscopic magnetomechanics and macroscopic behavior of magnetoactive elastomers				
11:30	Coffee break				
	Tukay Hall Section A	Saydashev Hall Section B	Kutuy Hall Section L	Board room Section C	Regina Hall Section I
12:00	A.I5 Mikhail MILYAEV Functional low coercive GMR multilayers for magnetic sensors	B.I6 Alexander SKRIPOV Low-temperature rotational tunneling of BH ₄ groups in Li ₂ (bim)BH ₄ : Nuclear magnetic resonance and neutron spin-echo studies	L.I1 Elena KRAMARENKO Tissue-mimetic magnetoactive elastomers based on bottlebrush polymer matrices	C.I1 Alexander SMIRNOV Interaction of spinons detected by microwave spectroscopy	I.I3 Irina BOBKOVA Proximity effect at superconductor/antiferromagnet interfaces
12:30	A.O17 Natalia OSTROVSKAYA Mathematical modelling of the SOT-MRAM element based on the spin-Hall effect	B.O14 Vladimir ULANOV Unusual dependences of EPR line shapes of Gd ³⁺ centers in narrow-band Pb _{1-x} Gd _x Te semiconductor on microwave power	L.O1 Alla DOBROSERDOVA Magnetic properties of magnetic elastomers filled with spherical and flake-like particles	C.O1 Sergey APLESNIN Ferromagnetism induced by oxygen vacancies in mullite Bi ₂ Fe ₄ O ₉	I.I4 Anatolie SIDORENKO Functional base elements for artificial neural network
12:45	A.O18 Igor PERUNOV Magnetic and Mössbauer studies of Fe _x Co _{1-x} nanowires	B.O15 Vladimir SHAPOVALOV Dynamic characteristics of a nanocomplex with iron in glass-ionomer cement powder	L.O2 Danil PETROV Magnetically induced structural transitions in liquid crystals doped with carbon nanotubes: Bridging from molecular-statistical to continuum theory	C.I2 Evgeny KRAVTSOV Polarized neutron reflectometry in the study of rare-earth nanostructures	

13:00	A.O19 Pavel PRUDNIKOV Monte Carlo simulation of magnetic properties of spin-valve nanostructures	B.O16 Vladimir SHAPOROV Magnetization dynamics simulation of the anisotropic ferromagnetic film excited by the nanosecond magnetic pulses	L.O3 Andrey KUZNETSOV Magnetic and structural equilibrium properties of a suspension of magnetic multicore nanoparticles	C.O2 Olga VOLKOVA Antiferromagnetic state in $(NO)M(NO_3)_3$ ($M = Co, Ni$)	I.O5 Nataliya PUGACH Spiral and ferro- magnets in the inverse proximity effect
13:15	A.O20 Ansar SAFIN Tunable receiver of sub-THz signals based on an antiferromagnet	B.O17 Denis TSIKALOV High-frequency magnetic susceptibility of thin magnetic films with 1D and 2D inhomogeneities	L.O4 Yury DIKANSKY Formation of ring-shaped deposits during the evaporation of drops of magnetic colloids in magnetic and electric fields	C.O3 Dmitriy SAVELIEV Magnetoelectric effect in flexible composite structures containing magnetoactive elastomer	I.O6 Konstantin ARUTYUNOV Proximity induced superconductivity in organic dielectric
13:30	Lunch time				
	Tukay Hall Section A	Saydashev Hall Section F	Kutuy Hall Section L	Board room Section C	Regina Hall Section I
15:00	A.I6 Yuri FILIMONOV Effect of van Hove singularities on the efficiency of spin current generation by travelling spin waves in YIG/Pt structures	F.I1 Mariya MATYUNINA Structure and magnetic properties of Fe-Ga-Al alloys: ab initio study	L.I2 Alexey IVANOV Mathematical and computer modelling of the effects of interactions, structure formation, and polydispersity on the dynamic magnetic susceptibility and magnetic relaxation of ferrofluids	C.I3 Alexander VASILIEV Square kagome systems	I.I5 Maxim KORSHUNOV Superconductivity, magnetic interactions, and disorder in iron-based materials
15:30	A.O21 Maria SHKANAKINA Evolution of magnetic tunnel junction's modes for different directions of an external magnetic field	F.O1 Dmitriy PLESHEV Dynamics of magnetization oscillations and elastic displacement of the ferrite film under frequency-modulated excitation	L.O5 Ekaterina ELFIMOVA Dynamic response of an ensemble of interacting magnetic particles: The influence of ac magnetic field amplitude	C.O4 Alexander KURBAKOV Neutron diffraction studies of helical magnetic order in chiral $PbMnTeO_6$ with triangular lattice	I.O7 Yaroslav TURKIN Dynamical properties of superconductor/ferromagnetic-insulator hybrid structures under ferromagnetic resonance condition

15:45	A.O22 Mohammad AL-ONAIZAN Features of the Curie point behavior in nanogranulated structures of the Cd ₃ As ₂ -MnAs system	F.O2 Irina TERESHINA New materials for solid-state magnetic cooling	L.O6 Stanislav KUNIKIN Magnetic properties of fractioned ferrofluid	C.O5 Svetlana SOFRONOVA Magnetic properties of quasi-two-dimensional oxyborates (Ni,Cu,Mn) ₃ BO ₅ with different composition of Cu ions	I.O8 Anton ZLOTNIKOV Majorana and subgap vortex-bound states in spin-singlet chiral superconductors with noncollinear spin ordering
16:00	A.O23 Leonid SHELUKHIN Spin reorientation transition in CoFeB/MgO/CoFeB tunnel junction implemented by ultrafast laser-induced suppression of perpendicular magnetic anisotropy	C.O7 Maksut MAKSUTOGLU Strong and ultrastrong photon-magnon coupling of superconducting planar resonators with YIG crystals	L.O7 Petr RYAPOLOV Dynamics of multiphase magnetic fluid systems under various external influences	C.O6 Leonid AFREMOV Influence interface thickness to the exchange interaction constant between ferro and antiferromagnet	I.O9 Andrey SCHEGOLEV Superconducting bio-inspired neurons for spiking networks
16:15	A.O24 Kirill TSIBERKIN Electronic and magnetic properties of spherical carbon shells	F.O3 Radel GIMAEV Influence of chemical impurities on magnetothermal properties of rare-earth metals and permanent magnets	L.O8 Igor POPERECHNY Superparamagnetic effects in longitudinal dynamic magnetic susceptibility of uniaxial nanoparticles suspended in a liquid	C.O8 Arseny SYROMYATNIKOV New short-wavelength spin excitations in spin-1/2 antiferromagnets on the triangular lattice	I.O10 Alexander MOSKVIN Model of charge triplets for unconventional HTSC systems
16:30	A.O25 Gennady OVSYANNIKOV Spin transport in iridate/manganite interface	F.O4 Vladimir SOKOLOVSKIY The issues of phase stability and magnetocrystalline anisotropy in Fe ₂ Ni-based Heusler alloys	L.O9 Oleg STOLBOV Modeling of the pseudo-plasticity effect induced by forced deformation of a magnetoactive elastomer under external field	C.O9 Iliia ILIUSHIN Influence of interfacial exchange interaction on the metastability of magnetic states of core-shell nanoparticles	I.O11 Vsevolod RUZHICKIY Peculiar properties of 0- π transition in SF-F-FS variable thickness bridges
16:45	A.O26 Lev FOMIN Electric and magnetic properties of Co ₂ FeAl and Co ₂ FeSi Heusler alloy films grown on sapphire substrates	F.O5 Zargan UMHAEVA Features of thermal expansion in substitution alloys based on heavy rare-earth metals R _{1-x} R _x Fe ₂	L.O10 Grigory MELNIKOV GMI detection of epoxy composites with various concentrations of iron oxide microparticles	C.O10 Maria SHLYAKHTICH Aging effects in critical behavior of Heisenberg anisotropic ultrathin films	H.O2 Vasilii ZAKHVALINSKII Destruction of the long-range charge ordering state via Fe doping in the perovskite manganite La _{0.5} Sr _{0.5} MnO ₃

17:00	Coffee break
18:00	Poster session:
	Section D. Kutuy Hall
	Section E. Saydashev Hall
	Section F. Saydashev Hall
	Section I. Regina Hall
	Section J. Regina Hall
	Section L. Kutuy Hall
	Section M. Kutuy Hall
	Section N. Regina Hall
	Section O. Regina Hall

Friday, 26.08.2022

Time	Tukay Hall				
09:30	Pl.8 Vladimir BELOTELOV Ultrafast magnetophotonics				
10:30	Pl.9 Yury KOKSHAROV Magnetic nanoparticles in medicine				
11:30	Coffee break				
	Tukay Hall Section A	Saydashev Hall Section F	Kutuy Hall Section L + N	Board room Section H	Regina Hall Section H + O
12:00	A.I7 Zukhra GAREEVA Influence of Dzyaloshinskii-Moriya interaction on hysteresis processes in magneto-electric nanoelement	F.O6 Adler GAMZATOV Nature of the frequency dependence of the magnetocaloric effect in $Ni_{50}Mn_{28}Ga_{22-x}(Cu,Zn)_x$ ($x = 0, 1.5$) Alloys	L.O11 Andrey ZUBAREV Dynamic remagnetization of clustered ferrogels	H.I1 Ivan LEONOV Modelling of the electronic structure, magnetic state and lattice stability of strongly correlated electron systems	O.O2 Oksana DRAGANYUK The formation of ferromagnetic order in the Fe-doped MAX phase Mn_2GaC
12:15		F.O7 Vladimir ZVEREV Magnetic nanoradiosensitizers in neutron therapy for oncology	L.O12 Arthur ZAKINYAN Strain aggregation kinetics in a uniform stationary magnetic field		L.O13 Yurii SUKHORUKOV Strain-magneto-optics of magnetostrictive ferrite-spinels
12:30	A.O27 Nikolay CHECHENIN Moving spin-valve bridge configurations in inhomogeneous 3D magnetic field	F.O8 Alexey TERESHCHENKO Anomalous ultrasonic attenuation near the low-spin-high-spin crossover in $LuCo_3$	N.O2 Aleksandr KAMZIN Magnetic nanostructures of the core/shell type and GRO-ferrite nanocomposites for biomedicine: synthesis and characterizations	H.O3 Natalia KAZAK Electronic transitions in the Co_3BO_5	M.O4 Oksana IVANOVA Magnetic nanoparticles Fe_3O_4 , $Fe_3O_4@SiO_2$, $Fe_3O_4@C$, and $Fe_3O_4@C@C$ for the organic dyes adsorption
12:45	A.O28 Rustam KHAIBULLIN Features of ferromagnetism in palladium films implanted with cobalt and iron ions	F.O9 Aleksandr KAMANTSEV MnAs compounds under high pulsed magnetic fields up to 500 kOe	N.O3 Sergey GUDOSHNIKOV Magnetic non-destructive testing using a scanning GMI magnetometer		

13:00	A.O29 Iliia DOLUDENKO Investigation of the dependence of the magnetic properties of FeNi alloy nanowires on the aspect ratio	J.O12 Nikolay PANKRATOV Magnetocaloric effect in $R_2Fe_{10}Al_7$ compound	L.O14 Vladimir ZVEREV The influence of the shear flow and topology on the magnetorheological properties of clusters formed by Stockmayer supracolloidal magnetic polymers	H.O4 Nikolai MELNIKOV Critical phenomena in the dynamic spin-fluctuation theory of metallic magnetism	G.O1 Evgeniya MOSHKINA Concentrational transition in $Cu_2(Mn,Ga)BO_3$ solid solutions
13:15	A.O30 Christina GRITSENKO Magnetization reversal mechanisms of FeNi/FeMn bilayers depending on growth conditions	F.O10 Aleksay GOLOVCHAN Electronic structure and exchange interactions in $LaFe_{13}$ -based alloys	L.O15 Alexandra VINOGRADOVA Spherical magnetizable body in a drop of ferrofluid in a uniform horizontal magnetic field	H.O5 Kirill VASIN Spin induced electric polarization in $Fe_2Mo_3O_8$	H.O6 Zakir SEIDOV Magnetic properties of $La_{0.81}Sr_{0.19}Mn_{0.9}Fe_{0.1-x}Zn_xO_3$ ($x = 0, 0.05$)
13:30	Lunch time				
	Tukay Hall Section A	Saydashev Hall Section F	Kütuy Hall Section G	Board room Section H	Regina Hall Section K
15:00	A.I8 Aleksander SADOVNIKOV Magnonic transport in 3D multilayer structures with broken translation symmetry	F.O11 Leonid KOROTKOV Weak ferromagnetism in submicron barium titanate	G.O2 Lyudmila DOBYSHEVA Magnetic behavior of lanthanides (La–Tb) in linear-chain coordination polymers	H.I2 Elena MOSTOVSHCHIKOVA Charge subsystem response to phase transitions in double manganites $LnBaMn_2O_6$	K.I2 Valeria RODIONOVA Effect of $BaTiO_3$ and $Zn_{0.25}Co_{0.75}Fe_2O_4$ fillers on mechanical and magneto-electric properties of PVDF-TrFE-based composites
15:15		F.O12 Akhmed ALIEV Magnetocaloric properties of FeRh alloy under magnetic field and thermal cycling	G.O3 Ildus SHARAFULLIN Thermally stable skyrmion crystal in triangular frustrated antiferromagnetic/ferroelectric bilayer		

15:30	A.O31 Vladimir MANTSEVICH Ultrafast spin polarization switching in a hybrid structure quantum well – spin-split bound state	F.O13 Vladimir GUDKOV Magnetoelasticity of the Jahn-Teller sub-system in the chromium-doped II-IV crystals	G.O4 Evgeniia VAVILOVA Magnetic phase diagram and possible Kitaev-like behavior of honeycomb-lattice antimonate $\text{Na}_3\text{Co}_2\text{SbO}_6$	H.O7 Artem SBOYCHAKOV Many-body effects in magic angle twisted bilayer graphene	K.I3 Evgeny MASHKOVICH Terahertz induced dynamics of antiferromagnets
15:45	A.O32 Gleb DEMIN The quantum mechanical calculation of the thermal-driven spin transfer in the MTJ based on a crystalline MgO tunnel spacer	F.O14 Vasilii ASTAKHOV Magnetolectric effect in laminated composites $\text{CoFe}_2\text{O}_4/\text{PZT}$. Dependence on thickness of magnetostriction phase	G.O5 Sergey MARTYNOV Orbital ordering and frustrated anisotropy in PbMnBO_4	H.O8 Vadim GALAKHOV Electronic states of Co ions in $\text{LnBaCo}_2\text{O}_{5+\delta}$ cobaltites (Ln = rare earth, $0 \leq \delta \leq 1$): Soft X-ray absorption studies	
16:00	A.O33 Andrey GRACHEV Heat-induced Fano resonance tunability in magnonic microstructures	F.O15 Andrei GUBKIN Magnetic glassiness and crystal field effects on thermal and electrical properties of Er_3Pd_2 -type compounds	G.O6 Vasilii GLAZKOV Exact determination of the single ion and pair interactions parameters in the magnet with competing dipolar and exchange interactions LiGdF_4	H.O9 Elena VORONINA Synthesis aspects and magnetic microstructure of ternary ordered Fe-Al-M (M = Ga, B, Sn, V, Mn) alloys	K.O7 Abdulkarim AMIROV Polymer magnetoelectric composites based on PVDF
16:15	A.O34 Aleksei KOZLOV Magnetic anisotropy and Dzyaloshinskii-Moriya interaction in epitaxial Pd/Co/CoO films	F.O16 Aleksei KOMLEV The ferromagnetic phase growth mechanisms in FeRh alloys	G.O7 Dmitrii KAPITAN Research by deep neural networks of frustrated spin glass systems	H.O10 Andrey MIKHEYENKOV Entanglement and the external fields in the Kugel-Khomskii model	K.O8 Mikhail SEMKIN Néel transition temperatures as a function of lattice parameter for lithium metal orthophosphates

16:30	A.O35 Anna DUVAKINA Investigation of magnetic tunnel junctions under the simultaneous action of direct and alternating currents, both in resonant and broad-band modes	F.O17 Niyaz NURGAZIZOV Modeling the domain structure of square ferromagnet microparticles under uniaxial mechanical stress	G.O8 Alena KOROL A neural network approach to the study of complex frustrated systems	H.O11 Petr IGOSHEV On the general conditions for itinerant ferromagnetism for non-degenerate hubbard model on a three-dimensional lattice	K.O9 Valery VALEYEV Effective mass anisotropy and spin-orbit coupling in 2D electron gas of GaN/AlN high-electron-mobility transistor heterostructures
16:45	A.O36 Natalia GERVITS Influence of the nanocrystallite size on spatial spin-modulated structure of BiFeO ₃	F.O18 Yuliya KALETINA Influence of deformation-thermal impact on the structure and properties of ferromagnetic alloys	G.O9 Rushana EREMINA Magnetic properties of perovskite Sr ₂ MnTiO ₆	H.O12 Kirill KRASIKOV Anisotropic magnetoresistance in RB ₁₂ (R = Ho, Er, Tm) antiferromagnets with dynamic charge stripes	
17:00	Coffee break				
18:00	Closing ceremony				