Time/Date	Sunday 20/08/2023	
	Big Hall	Small Hall
08:00 - 15:00	Excursion (optional) **Curonian Spit excursion, 08:00 - 15.00** **Excursion to the village of Yantarnu, 09:00-15.00**	
15:00 - 17:00	Registration	
17:00 - 17:30	Conference Opening Ceremony	
17:30 - 19:00	chair: Valeria Rodinova Plenary talk Petr Nikitin Ultrasensitive Magnetic Methods for Biomedical Applications, Targeted Drug Delivery and in vitro Diagnostics	
17:30 - 19:00	Plenary talk Andrey Fedyanin 3D-Direct laser writing for dielectric photonics based on Bloch surface waves	
19:00 – 21:00	Welcome Party	

Time/Date	Monday 21/08/2023	
	Big Hall	Small Hall
08:00 - 09:00	Registration	
09:00 - 09:45	chair: Nikolai Perov **Plenary talk** **Elena Kramarenko** Programming of the mechanical properties and magnetic response of magnetoactive elastomers	
09:45 - 10:15	chair: Nikolai Perov **Invited talk** **Yuriy Raikher** Magnetostrictive vs magnetostrainsome contributions of magnetic particles to the magnetoelectric response of piezopolymer-based composite films	chair: Alexey Sokolov **Invited talk** **Yury Koksharov** Magnetism in biology and medicine: old problems and new trends
10:15 - 10:30	**Fedor Fedulov** Magnetoelectric effect in ring heterostructures with inner and outer magnetic layers	**Larisa Iskakova** Dynamic susceptibility and magnetic hyperthermia in ensembles of ferromagnetic nanoparticles
10:30 - 10:45	**Artem Tikhanovskii** Effect of Pr^{3+} singlet ground state on magnetoelectric properties of paramagnetic $Pr_3Ga_5SiO_{14}$ langasite	**Stanislav Pshenichnikov** Star-shaped $Au@Fe_3O_4$ nanoparticles for photothermal therapy
10:45 - 11:00	**Alexey Kaminskiy** Dzyaloshinskii–Moriya interaction in epitaxial iron garnet films and 2D CrI_3 based materials	**Oksana Li** Ferromagnetic resonance: a new method for the implementation of magnetic hyperthermia
11:00 - 11:30	Coffee Break	
11:30 - 12:00	chair: Maksim Sapozhnikov **Invited talk** **Alexander Granovsky** Low-temperature Peculiarities of Magnetoresistance and Hall Effect in Nanocomposites $(CoFeB)_x(LiNbO_3)_{100-x}$ below the Percolation Threshold	chair: Kurban Magomedov **Invited talk** **Ekaterina Kozlova** Design of g-C_3N_4-based photocatalysts for hydrogen production and reduction of carbon dioxide under visible light
12:00 - 12:15	**Mikhail Zhuravlev** Spin accumulation, anomalous Hall and spin-Hall effects in two-layer magnetic system	**Asiyat Magomedova** Combination NIPS/TIPS Synthesis of α and α/γ -Fe_2O_3/PVDF Composite for Efficient Piezocatalytic Degradation of Rhodamine B
12:15 - 12:30	**Alexander Pakhomov** Temperature dependence of spin pumping in Py/W and Py/Pt bilayers	**Daud Selimov** Hydrogen Bond-Mediated Activation of Piezo- /Photo-Catalytic Properties in Calcium Nitrate-Doped PVDF Nanofibers
12:30 - 12:45	**Mikhail Dorokhin** Magnetotrasport properties of transition metal silicides	**Abdulatip Shuaibov** Synthesis and piezo photocatalytic properties of a PVDF fiber membrane modified with an iron-containing organometallic framework
12:45 - 13:00	**Nikolay Sluchanko** Stripe-induced Anisotropy of the Hall	**Sayara Aga-Tagiyeva** PEGylated magnetic nanoparticles for water purification from methylene blue

	Effect in the Paramagnetic Phase of $Ho_{0.8}Lu_{0.2}B_{12}$	

13:00 - 13:15	Kseniia Kiseleva Studying of characteristics of rectified microwave signal in magnetic tunnel junctions with perpendicular magnetic anisotropy in perpendicular and planar magnetic field	Alina Lokteva Autocatalytic hydrogen peroxide production by bacteria as a new advantage of hybrid living materials
13:15 - 13:30	Vera Kikteva Impact of the mutual direction of Polarizer and Free Layer on the auto-oscillation mode of magnetic tunnel junctions (MTJs) of different geometry	
13:30 - 15:00	Lunch	
15:00 - 15:30	chair: Yury Koksharov Invited talk Mikhail Avdeev Structural characterization of magnetic nanomaterials with biological activity	chair: Alexander Granovsky Vasiliy Buchelnikov Thermoelectric properties of $Ti_2MnNiSi_2$ double half-Heusler alloy
		Irina Tereshina Magnetic phase transitions in the $GdFe_2$-H system
15:30 - 15:45	Nikolai Perov Non-uniform (heterogenous) magnetic media	Alexey Lukoyanov Magnetic Properties and Exchange Bias of a Compensated Ferrimagnet Mn_2PtAl
15:45 - 16:00	Anton Anikin Photothermal properties of magnetic nanoparticles	Mikhail Zagrebin Magnetic properties of Mn_2YSn (Y = Sc, Ti, V) Heusler alloy: Insights from Ab initio and Monte Carlo investigations
16:00 - 16:15	Dmitriy Zagorskiy Magnetic nanowires of different types-features of obtaining by matrix synthesis, properties and applications	Mariya Matyunina Investigation of d0-d XMnY (X = K, Rb, Y = As, Bi, Ge, Si, P, Pb, Sb, Sn) half-Heusler alloys
16:15 - 16:30	Katerina Levada Potential agent for photothermal therapy based on Gold/Cobalt Ferrite Nanocomposite	Akhmed Aliev Anomalous behavior of the magnetocaloric effect in $Ni_{49.3}Mn_{40.4}In_{10.3}$ Heusler alloy in alternating magnetic fields
16:30 - 16:45	Petr Ryapolov Hydrodynamics of composite magnetic fluid systems in microfluidic chips of various configurations under the influence of a magnetic field	Evgeniy Eremin Magnetic Properties of $GdFe_3(BO_3)_4$ Multiferroic Grown From Various Melt Solutions
16:45 - 17:00	Polina Rudakovskaya New functional agents of hybrid imaging – Micro/Nano bubbles based on amphiphilic polymers for reproductive medicine	
17:00 - 19:00	chair: Igor Lyubutin Alexandr Frolov, Mikhail Zhuravlev Poster Session + Snacks I	

Time/Date	Tuesday 22/08/2023	
	Big Hall	Small Hall
08:00 - 09:00	Registration	
09:00 - 09:45	chair: Alexander Granovsky **Plenary talk** **Nikolay Mushnikov** Magnetic Phase Transitions in RMn_2Si_2 Intermetallics	
09:45 - 10:15	chair: Nikolay Mushnikov **Invited talk** **Igor Lyubutin** Crystal Structure and Magnetic Properties of Iron Polyhydrides at Ultra High Pressures	*Section opening* chair: Felix Tomilin **Invited talk** **Vyacheslav Zhandun** Doping-induced changes in the electronic and magnetic properties of Mn- and Cr-based MAX phases
10:15 - 10:30	**Yuri Kudasov** Interface magnetic layer in almost compensated iron garnet film	**Sergei Ovchinnikov** Substitution effect of magnetic MAX-phases $(Cr_{4-x}Fe_x)_{0.5}AC$ (A = Ge, Si, Al)
10:30 - 10:45	**Mikhail Prosnikov** Magnetic, electron and lattice dynamics of $CoTiO_3$ in high magnetic fields	**Aleksandr Aglikov** Memristive Effect in $Ti_3C_2T_x$(MXene) Polyelectrolyte Multilayers
10:45 - 11:00	**Vladimir Gudkov** Relaxation in the Jahn-Teller Subsystem in Magnetic Field	**Kirill Sobolev** $Ti_3C_2T_x$ MXenes with various surface terminations for environmental remediation technologies
11:00 - 11:30	Coffee Break	
11:30 - 12:00	chair: Yuri Kudasov **Invited talk** **Alexander Vasiliev** Milestones of Low-D Quantum Magnetism	chair: Yuriy Raikher **Invited talk** **Andrey Zubarev** Nonlinear rheology of magnetic gels and elastomers
12:00 - 12:15	**Olga Volkova** Peculiarities of crystal structure and antiferromagnetic order of ferromagnetic spin-1/2 ladders in $MoOBr_3$	**Invited talk** **Liudmila Makarova** Layered composite based on piezopolymer and magnetic elastomer for energy conversion
12:15 - 12:30	**Liudmila Gonchar** Multi-sublattice magnetic structures in charge ordered perovskite manganites with high doping level	
12:30 - 12:45	**Igor Lobanov** Multispin interaction Spin Boltzmann machine	**Anton Musikhin** Uniaxial stresses in magnetic elastomers
12:45 - 13:00	**Alexey Eikhler** The Dynamic Phase Transition of thin	**Aminat Ismailova** Control of surface properties of

	Heisenberg Films an External Oscillating Magnetic Field	magnetoactive elastomers by magnetic field

13:00 - 13:15	Egor Drovorub Simulation of Magnetic Properties of Different Types of Spin-Valve Nanostructures	Rodion Makarin The effect of the anisotropic distribution of filling particles in a magnetorheological elastomer on the magnetoelectric spectrum of a layered composite
13:15 - 13:30	Gleb Demin Micromagnetic Approach to Modeling the Output Signal of Thin-Film GMI Sensors of Arbitrary Design	
13:30 - 15:00	Lunch	
15:00 - 15:30	chair: Alexander Baryshev Invited talk Tatiana Murzina Second- and third-harmonics generation microscopy of magnetic garnet films	chair: Liudmila Makarova Invited talk Stefano Alberti Synthesis and characterization of hybrid materials based on PDMS and magnetic NPs
15:30 - 15:45	Irina Kolmychek Laser control of pinning effect in ferromagnetic\antiferromagnetic nanofilms	Alina Rabadanova Novel Hybrid Membranes based on PVDF/$BiFeO_3$ for Efficient Catalysis
15:45 - 16:00	Evgeny Karashtin Nonlinear Optical Effects Due to Magnetization Dynamics In a Uniform Ferromagnet	Roman Chernozem Biocompatible magnetoelectric core-shell nanoheterostructures for biomedical applications
16:00 - 16:15	Anastasia Nerovnaya Magnetic field induced modulation of Goos-Hänchen effect in magnetophotonic crystals	Pavel Voroncov Synthesis and characterization of PVDF-$CoFe_2O_4$ composite films
16:15 - 16:30	Karen Mamian Transverse magneto-optical Kerr effect enhancement through Mie-resonances in silicon-nickel nanogratings	Petr Ershov Composite PVDF-($CoFe_2O_4$, $Zn_{0.3}Co_{0.7}Fe_2O_4$) filament for 3D printing
16:30 - 16:45	Danila Tatarinov Optical properties of 0D and 2D lead halide perovskite nanostructures doped with Yb^{3+} and Mn^{2+} ions via anion-assisted approach	Igor Pariy Influence of magnetic fillers on the morphology and structure of poly(L-lactide) based scaffolds
16:45 - 17:00	Elena Mostovshchikova IR Magnetotransmission in Double Manganites $RBaMn_2O_6$	
17:00 - 19:00	chair: Sergei Ovchinnikov, Gennady Stepanov, Maria Lomova Poster Session + Snacks II	

Time/Date	Wednesday 23/08/2023	
	Big Hall	Small Hall
08:00 - 09:00	Registration	
09:00 - 09:45	chair: Vladimir Belotelov **Plenary talk** **Aleksandra Kalashnikova** Laser-induced spin waves in the center and at the edge of the Brillouin zone	
09:45 - 10:15	chair: Aleksandra Kalashnikova **Invited talk** **Vladimir Belotelov** Peculiar magneto-optics: topological and asymmetric Faraday effects	chair: Katerina Levada **Invited talk** **Maria Salvador** Magnetic Nanoparticles for Improved Rapid Diagnostic Tests
10:15 - 10:30	**Elena Gan'shina** Magneto-optical Kerr spectroscopy of ferromagnetic metal-dielectric nanocomposites	**Olga Goryacheva** Fluorescent quantum dots for analytical test methods
10:30 - 10:45	**Vladimir Skidanov** Exchange mechanism of ultrafast optical demagnetization in nanolayers of transition metals	**Kurban Magomedov** Application of Ion-Selective Electrode For Express Determination Of Ceftriaxone In Biosystems
10:45 - 11:00	**Elizaveta Arhipova** Features of laser-induced demagnetization in van der Waals antiferromagnets $FePS_3$ and $NiPS_3$	**Ekaterina Krotkova** Electroreduction of polychloromethanes to C_2 products
11:00 - 11:30	Coffee Break	
11:30 - 12:00	chair: Alexander Pyatakov **Invited talk** **Mikhail Lapine** A few stories on artificial magnetism	chair: Petr Ershov **Invited talk** **Gennady Stepanov** Properties of Soft Magnetic Materials: from Experiment to Theory and Modeling
12:00 - 12:15	**Andrey Dubrovskiy** Giant anisotropy of magnetic properties of hydrated iron fluoridotitanate molecular single crystal	**Invited talk** **Fedor Senatov** Biomimetic materials and tissue engineering
12:15 - 12:30	**Artem Tarasov** Experimental evidence of the sublattice ferrimagnetism in quasi-freestanding graphene on Au/Co(0001)	
12:30 - 12:45	**Evgeny Skorokhodov** Gyrotropic oscillations of magnetic vortices in two interacting ferromagnetic disks	**Valentina Antipova** Surface modification of PVDF-based substrates by non-thermal helium plasma: Effect on the wettability, adhesive and mechanical properties
12:45 - 13:00	**Valery Uzdin** From 2D to 3D topological solitons: stability, lifetime, interactions	**Dmitrii Savelev** Nonlinear Magnetoelectric Effect in Flexible Structure Based on PVDF and Magnetostrictive Fiber Composite

13:00 - 13:15	Ildus Sharafullin Skyrmion lattices phase driven by interfacial-engineered Dzyaloshinskii-Moriya interaction in frustrated antiferromagnetic/ferroelectric bilayers	Artem Ignatov Study of the magnetoelectric response of PVDF-based composite films
13:15 - 13:30	Sergey Kolesnikov An influence of the Dzyaloshinskii-Moriya interaction on the magnetization reversal of the finite-size Co and Fe chains	Oleg Stolbov Modelling the effect of particle arrangement on the magnetoelectric response of polymer-based composite films
13:30 - 15:00	Lunch	
15:00 - 15:30	chair: Tatiana Murzina Invited talk Alexander Baryshev Magneto-optical micro- and nanostructures for applications: Bi:YIG made by metal-organic decomposition and crystallized by laser annealing, and gasogyrochromism in oxidized permalloy	chair: Valeria Rodionova Invited talk Larissa Panina Stress-dependent Magnetization Processes in CoFeSiBCr Amorphous Microwires
15:30 - 15:45	Daria Kulikova Gasogyrochromic Effect in Oxidized Permalloy	Liubov Azarova Spin waves dispersion in amorphous ferromagnets: small-angle polarized neutron scattering study
15:45 - 16:00	Igor Radchenko Yttrium-iron garnet film magnetometer for in vivo studies	Ksenia Chichay Domain wall dynamics in cylindrical wires with non-uniform anisotropy
16:00 - 16:15	Ivan Volchkov Mechanism of sensitivity of CdTe crystals to pulsed magnetic action	Valeria Kolesnikova Unique magnetic properties of nanocrystalline Co-based glass-coated microwires
16:15 - 16:30	Pavel Usachev Giant Photo-Induced Magnetic Polarons in Europium Chalcogenides	Tatyana Kostiuchenko Machine-learning models in on-lattice modelling
16:30 - 16:45	Alexandr Frolov Enhancing magnetooptical effects by controlling the radiative losses of surface plasmons	Ivan Novikov Machine-learning interatomic potentials for magnetic materials
16:45 - 17:00		Nikita Serov Quantitative Prediction of Inorganic Nanomaterial Cellular Toxicity via Machine Learning
19:00 – 21:00	Conference dinner	

Time/Date	Thursday 24/08/2023	
	Big Hall	Small Hall
08:00 - 09:00	Registration	
09:00 - 09:45	chair: Mikhail Lapine **Plenary talk** **Alexander Pyatakov** Flexomagnetism: "bending horseshoe magnets" at nanoscale	
09:45 - 10:15	chair: Mikhail Lapine **Invited talk** **Maria Lomova** Non-heating alternating magnetic fields for the treatment of cancer with label-free imaging nanoobjects *in vitro*	chair: Sergey Ovchinnikov **Invited talk** **Felix Tomilin** Ferromagnetism in the Terminated Mn_2C MXene
10:15 - 10:30	**Kamil Gareev** Magnetic Properties and Modeling Hysteresis Parameters of Foraminifera Shells from the Mid-Atlantic Ridge	**Shanawer Niaz** First Principles Study of Copper Ion Adsorption on Functionalized $Ti_3C_2T_x$ MXene
10:30 - 10:45	**Anastasiia Kriuchkova** Hybrid materials with magnetic properties based on natural spider silk	**Anna Motorzhina** $Ti_3C_2T_x$ MXenes as a potential agent for melanoma photothermal therapy
10:45 - 11:00	**Sawssen Slimani** Properties variation in natural hematite nanoparticles: magnetic investigation	**Nikolai Shilov** Functionalization of MXenes with magnetic nanoparticles
11:00 - 11:30	Coffee Break	
11:30 - 12:00	chair: Mikhail Dorokhin **Invited talk** **Maksim Sapozhnikov** Topological Hall effect in Co/Pt nanostructured films	chair: Alexander Omelyanchik **Invited talk** **Alexey Sokolov** Aptamer modified Au/Ni/Au nanodiscs for magnetomechanical cell surgery
12:00 - 12:15	**Sergey Lyaschenko** Features of $(Cr_{1-x}Mn_x)_2GeC$ Thin Film Magnetron Deposition	**Sergey Komogortsev** Core-Shell Exchange Interaction Effect in the Approach to Magnetic Saturation of a Magnetite-like Nanoparticle
12:15 - 12:30	**Nikolay Chernousov** Asymmetry of domain walls motion in out of plane and in-plane magnetic fields in Pd/Co/Pd system	**Vitalii Salnikov** Tailoring Magnetic Properties of Cobalt Ferrite Nanoparticles with Bi-Modal Size Distribution
12:30 - 12:45	**Anna Lukyanenko** Growth, magnetic and transport properties of highly ordered Mn_5Ge_3 thin film on Si(111)	**Ludmila Uspenskaya** Diode Effects in $Y_3Fe_5O_{12}$-Nb and $Y_3Fe_5O_{12}$-Al heterostructure
12:45 - 13:00	**Anna Khutieva** Spin wave beam formation and focusing in magnonic 2d stripe lattice	**Evgeny Harin** FeZrN films with nanocomposite structure for soft magnetic applications

13:00 - 13:15	Igor Pashenkin Exchange enhancement of the magnetocaloric effect in ferro-magnetic nanostructures	Anastasiya Fortuna Features of phase composition and structure of rapidly quenched ferromagnetic Mn-Al-Ga alloy
13:15 - 13:30	Anastasia Kurganskaya Magnetic phase transitions in (R'R")Ni (R — Gd, Tb, and Dy) compounds and their hydrides: transition order elaboration	
13:30 - 14:00	Closing ceremony	
15:00 - 17:30	Excursion (optional)	

A1	Albert Babaev	Simulation of the Potts Model on two-dimensional lattices by the Monte Carlo Method	On site
A2	Aleksandr Shishelov	Spin Current Magnetization Control in [Pd/Co/CoO]n Epitaxial superlattices	On site
A3	Aleksei Kozlov	Structure and interfacial effects of epitaxial Pd/Co/CoO films	Online
A4	Alexey Kotykhov	Magnetic machine-learning potential for magnetic alloy: a case study of Fe-Al	On site
A5	Andrey Klavsyuk	The magnetization reversal of the finite-size Co and Fe chains on Pt(664) surface: a comparation of the analytical and the computational results	On site
A6	Anton Tarasov	Electronic Transport in Cr2GeC and Cr2-xMnxGeC Thin Films Grown by Magnetron Sputtering	On site
A7	Artem Kuzmenko	Unusual spin resonance in Nd3Ga5SiO14 langasite: evidence of electroactive excitations	Online
A8	Dinara Khairetdinova	Correlation Between FeCo Nanowire Growth Features and Their Structural and Magnetic Properties	On site
A9	Dinara Khairetdinova	Magnetic Properties of Layered Ni/Cu Nanowires Depending on the Thicknesses of Cu-Layers	On site
A10	Dmitriy Shevtsov	UHV Technological System for Synthesis and in situ Investigation of Nanostructures by Spectral Magneto-Optical Ellipsometry	On site
A11	Dzhuma Kurbanova	Phase diagram three-state Potts model on the bcc lattice	On site
A12	Elena Shel'deshova	Temperature and field dependences of the shear viscosity of a magnetic fluid	On site
A13	Elena Denisova	Ferromagnetic resonance and magnetic anisotropy of 3-d metal rods with gradients of composition	Online
A14	Evgenii Nikolaev	Influence of particle size on the microstructure and magnetic properties of nickel-zinc ferrite powder	On site
A15	Grigorii Kirichuk	Perpendicular magnetic anisotropy in thin-film spin structures: growth and investigation	On site
A16	Igor Kon	Numerical modeling of the optical parameters of gold nanoparticles of different size	On site
A17	Ilia Doludenko	Iron nanowires of various diameters: obtaining, characterization and NMR spectroscopy	On site

A18	Ilia Koshelev	Growth and Characterization of CdTe Thin Films Grown by Molecular Beam Epitaxy	On site
A19	Irina Kalentyeva	Formation of skyrmion states in thin ferromagnetic Co/Pd films	On site
A20	Ivan Moskal	Strontium iridate thin films – material for superconducting cryoelectronics and spintronics	On site
A21	Ivan Pelevin	Laser powder bed fusion of dense Nd-Fe-B material	Online
A22	Levan Ichkitidze	The Thin Film Superconducting Magnetic Field Concentrator	On site
A23	Maksim Chinenkov	Applications of magnetic structures in microelectronic sensor devices	On site
A24	Maria Kuznetsova	Magnetic properties of Ru/CoFe/Ru films	On site
A25	Maria Potkina	Controlling the nucleation and collapse of magnetic skyrmions by an external magnetic field	On site
A26	Mikhail Zhuravlev	Magnetic Properties of Broadened Landau Levels at the Saddle Point Energy of Two Dimensional Lattice	Online
A27	Mikhail Ved	Creation and studying of a magnetoresistive spin light-emitting diode	On site
A28	Mikhail Rautskii	Magnetic anisotropy and domain structure of epitaxial Mn5Ge3 thin film on Si(111) substrate	On site
A29	Natalia Mikhashenok	Effect of synthesis conditions on the magnetic properties of chromium borate single crystals	On site
A30	Oleg Surdin	Optical and transport measurements of HgTe/HgCdTe semiconductor heterostructures in high magnetic fields	On site
A31	Olesya Lutsenko	Magneto-optic YIG magnetometer for registration magnetic submicron particles	On site
A32	Olga Maximova	Data Processing Algorithms for Magneto-optical Ellipsometry of Thin Films with Optical Uniaxial Anisotropy	Online
A33	Pavel Terentev	Comparative study of magnetic properties of non-stoichiometric TbNi5Mnx and quasi-binary TbNi5-xMnx alloys	On site
A34	Pavel Podkur	Magnetic Properties of the Impurity Sublattice of Semiconductor Crystals Cd1-xZnxTe (x = 0.05; 0.03; 0)	On site
A35	Polina Demina	Control of InGaAs/GaAs/Al2O3/CoPt spin light-emitting diodes characteristics by ion irradiation method	On site
A36	Ratmir Nugumanov	Phase transitions in antiferromagnetic nanofilm with triangular lattice	Online
A37	Sabina Emelyanova	Structure and electrical properties of the Ni54+xMn21-xGa25 (x = 0; 2) magnetocaloric alloys	Online
A38	Sergey Belykh	Investigation of the size of microdroplets of magnetic emulsions on magneto-optical effects	On site

A39	Snezhana Lukkareva	Magnetization processes in Ni/Cu layered nanowires	On site
A40	Tatiana Mikhailova	New Magnetooptical Effects in One-Dimensional Magnetophotonic Crystal Induced by Broken Spatial Symmetry	Online
A41	Vadim Platonov	Phase transitions in R2Fe14B in magnetic fields up to 500 T	On site
A42	Valentin Tolkachev	Propagation of surface helicons at the boundary between vacuum-semiconductor media in a high magnetic field	On site
A43	Almaz Sadykov	Magnetic State of Layered Cobalt Chalcogenides Co7X8 (X = Se,Te)	On site
A44	Veronika Titova	Magnetic properties of oxyborate with huntite structure	On site
A45	Vladimir Zverev	Domain wall dynamics in a permalloy film with nanodots located on the boundary surface	Online
A46	Vladimir Gudkov	Quantum Acoustics of Dilute Magnetic Semiconductors	On site
A47	Vladislav Yurlov	Analysis of the Josephson-like magnetic tunnel junction structure: from classical to quantum approach	Online
A48	Vsevolod Ivanov	Low Temperature Phase Transitions in TbFeO3 Orthoferrite: Magnetoelectric Phase Diagrams	Online
A49	Vyacheslav Nesterov	Magnetic nanoparticles produced via pulsed laser ablation of thin Co films in water	Online
A50	Yulia Samoshkina	Particles-Matrix Bond in ZnCoO:H and ZnCoAlO:H Films: Issues of Magnetism and Spin Injection	Online
A51	Yulia Gerasimova	Study of the magnetic structure and physical properties of single crystals of fluorine hexahydrates	On site
A52	Yurii Kuznetsov	Galvanomagnetic and thermomagnetic phenomena in thin CoPt metal films	On site
A53	Vladimir Semenov	Structure and energy of two-dimensional Bloch walls with increasing magnetic film thickness in the absence of anisotropy constant	On site
A54	Nikita Lobanov	Spin waves demultiplexing using spin current	Online
A55	Nikita Lobanov	Bragg resonances in coupled magnoncrystals with different periods	Online
A56	Yuriy Danilov	Formation of ferromagnetic semiconductors GaFeAs and GaMnAs by ion implantation and pulsed laser annealing	On site
A57	Dmitry Murzin	Magnetic and magneto-optical properties of lamellar magnetoplasmonic crystals based on Ni80Fe20	On site
A58	Zoya Grigorieva	The study of magnetic interactions in two-dimensional magnetoplasmonic crystals with Kerr magnetometry	On site
A59	Victor Belyaev	AC magnetic field sensor based on a magnetoplasmonic crystal	On site

B1	Irina Gudim	Effect of Uncontrolled Impurities on Magnetic and Structural Transitions of the GdFe3(BO3)4 Multiferroic	On site
B2	Ivan Yakovlev	Crystal structure investigation of Cr2GeC MAX-phase nanofilms by RHEED	On site
B3	Aleksandr Punda	Synthesis and investigation of hexaferrite BaFe12-xInxO19 (x = 0.25-1)	Online
B4	Alena Zykova	Study of structure and magnetic properties of multi-component BaFe(12-x)(Al,Cr,Ga,In)xO19 (x = 1-11) solid solutions	On site
B5	Alexander Morchenko	Features of electrical conductivity and thermal expansion of amorphous ferromagnetic micro-wires under Joule heating below the Curie point	On site
B6	Alexander Morchenko	Features of the magnetoelectric effect in layered composites nickel ferrite-CTS at various modes of mechanical vibrations	On site
B7	Alexander Morchenko	Magnetic properties of aerogels based on graphene decorated with iron oxide nanoparticles	On site
B8	Ali Abu-Bakr	A study of morphology of the particles cluster on magnetic hyperthermia	Online
B9	Anna Solovyova	The Structural and Magnetic Properties of a Ferrocomposite: the Role of Polydispersity	On site
B10	Darya Sherstyuk	Synthesis and Magnetic Properties of Solid Solutions Based on Co-Zn-Ni Ferrites	Online
B11	Denis Yakobson	Iron oxide nanorods as a potential tool for biofabrication of tissue structures by means of IR radiation and magnetic field	Online
B12	Dmitriy Bukreev	Magneto-Impedance Tomography of Co-based amorphous wires	On site
B13	Dmitry Maslov	Charge ordering in RFe2O4 compounds and multicomponent order parameter	On site
B14	Dmitry Dorozhko	Features of temperature dependences of magnetic susceptibility of magnetic colloids in porous media	On site
B15	Egor Kudyukov	Experimental study and modeling of nanostructured [Fe10Ni90/Cu]p thin films for using in composite multiferroics	On site
B16	Ekaterina Novak	The influence of the length and applied magnetic fields to the behaviour of magnetic filaments with solvophobic, super-paramagnetic colloids	On site

B17	Ekaterina Moiseeva	Large-scale automatic fabrication of superparamagnetic iron oxide microclusters for biomedical applications	On site
B18	Elena Kozenkova	Synthesis and characterization of magnetite and silver nanocomposites	On site
B19	Ibrokhim Solizoda	Effect of ion substitutions on the magnetic properties of barium hexaferrite	On site
B20	Julia Siryuk	Transportation of magnetic biocells over the surface of a ferrite-garnet film	Online
B21	Kseniya Pavlova	Magnetic Properties of BaM- type Mn,Ti hexaferrites	Online
B22	Levan Ichkitidze	Relaxation of the Magnetization of Magnetic Nanoparticles in a Biological Fluid Phantom	On site
B23	Lidia Shendrikova	Magnetic Anisotropy of Nanostructured Cobalt Films Prepared by Oblique Spraying Method	On site
B24	Mikhail Gorshenkov	Wetting and spreading of Cu(Cr) melt over the Cr2AlC MAX phase	Online
B25	Mikhail Derevyanko	Temperature dependence of impedance of amorphous Co66Fe4Nb2.5Si12.5B15 wires with different diameter	On site
B26	Oksana Draganyuk	Magnetic and electronic properties of m3b2o6 (me=mn, fe, co, ni) kotoites: representation analysis and dft calculations	On site
B27	Pavel Strokin	Modification of colloidal CdZnSeS/ZnS alloyed quantum dots with thiols for application in analytical systems	On site
B28	Sergei Ivanov	"Substrate Effect" in the Microwave Magnetoelectric Effect in Layered Structures Based on Yttrium Iron Garnet	Online
B29	Sergey Stolyar	Frequency-Field Dependences of FMR in NiFe2O4 Superparamagnetic Powders	On site
B30	Svetlana Voronina, Valeriy Vlasov	Research in the field of creating strain-sensitive sensors for large deformations	On site
B31	Svetlana Gudkova	Magnetic properties of Al-doped barium hexaferrite BaFe12-xAlxO19	On site
B32	Svetlana Sofronova	Theoretical study of the cation and magnetic ordering in NixCo3-xB2O6	On site
B33	Taa Taaev	Hard/soft magnetic heterostructures: micromagnetic simulation.	On site
B34	Tatiana Gavrilova	Magnetic Properties of Ln0.5Sr1.5Ti0.75Cu0.25O4 (Ln= Pr, Nd) layered perovskite	On site
B35	Tatiana Gavrilova	Li3V2(PO4)3-based Composites as Potential Cathode Materials for Lithium-Ion Batteries: ESR, Magnetization and Electrochemical Measurements	On site
B36	Tatyana Andryushchenko	Electron Charge Accumulation by Island Surfaces of Cr-Mn Based MAX Phase Thin Films on MgO	On site

B37	Vladimir Zhivulin	Synthesis and study of the properties of ferrites of the composition BaFe12-xCrxO19	On site
B38	Vladimir Kostishyn	Mössbauer spectroscopy of ferromagnetic microwires	On site
B39	Vyacheslav Zhandun	Orthogonal magnetic structures of Fe5O6: representation analysis and DFT calculations	On site
B40	Yaroslav Sokolov	Production of MXene film by vacuum filtration	On site
B41	Yuriy Knyazev	FORC analysis of interparticle interactions in biomineralized magnetic nanocomposites	On site

S1	Daniya Zinnyatullina	Modeling of hybrid noble-ferromagnetic mesoscale particles optical properties	On site
S2	Alexander Omelyanchik	Investigation of Magnetic Properties in Cobalt-Doped Nickel Ferrite Nanoparticles: A Comprehensive Study Using Advanced Characterization Techniques	On site
S3	Valeria Kolesnikova	FORC -analysis of magnetic behaviour in magnetic polymer-based composites	On site
S4	Valerii Savin	Study of the properties of a piezoelectric composite based on PVDF with different percentages of PZT particles	On site
S5	Anastasya Makarova	Enhancement of magneto-optical activity enabled by Goos-Hanchen effect in magnetoplasmonic crystals	On site
S6	Natalia Cherkasova	Growth of high-entropy BaFe12-x(Tix/4Mnx/4Inx/4Gax/4)O19 single crystals and study of their properties	On site

S1	Vyacheslav Lobekin	Modeling of magnetoelectric microwave devices	On site
S2	Viktor Leontev	Magnetoelectric Magnetic Field Sensors	On site
S3	Oksana Semenukha	Influence of modification of the surface of the fabric filler on the physical and mechanical properties of the silicone composite material	On site
S4	Yulia Kuzminova	The property specifics of the CrFeCoNi(Al,Ti) high-entropy alloys produced by additive manufacturing	On site
S5	Rashid Gyulakhmedov	Catalytic Activity of PVDF fibers with embedded Fe3O4 nanoparticles	Online
S6	Magomed Abdurakhmanov	Effect of carbon addition on the piezophotocatalytic properties of PVDF nanofibers	Online
S7	Alisa Tatarinova	Radioisotope Power Supply for Perspective Electronic Devices Based on ZrO2 Nanoparticles	On site
S8	Artem Ignatov	Study of the magnetoelectric response of PVDF-based composite films	On site

S9	Vera Ni	Comparison of magnetic nanoparticles Fe3 O4 modified with Sodium Dodecyl Sulfate and with Polyacrylic Acid for Methylene Blue Adsorption	On site
S10	Sayara Aga-Tagiyeva	Exploring the Photocatalytic and Magnetic Properties of Zinc-Doped Cobalt Ferrite Nanocomposites with PEG and PVDF	On site
S11	Denis Petrukhin	Effect of bismuth ferrite nanoparticle concentration on the magnetic and structural properties of PVDF-based composites	On site
S12	Damir Gavrilov	Influence of synthesis conditions on the structural and magnetic properties of cobalt ferrite nanoparticles doped with zinc and nickel	On site
S13	Louisa Guryanova	Enhancing Crystallinity in CoFe2O4-PVDF Composites through Annealing with Optimized Temperature Regimes	On site
S14	Stanislav Vorontsov	Creation and study of physical properties of composite films based on PVDF polymer with CFO nanopowder inclusions.	On site
S15	Egor Sergeev	Direct Ink Writing 3D printing of Polyvinylidene fluoride	On site
S16	Ruslan Kafarov	Angular dependence of the microwave magnetoelectric effect in the ferroelectric-ferromagnetic structure	On site
S17	Ivan Markov	Theoretical investigation of ring-shaped magnetoelectric composites Metglas/PZT/Metglas	On site
S18	Elena Ivasheva	Thermomagnetic treatment of the magnetostrictive component of magnetoelectric composites	On site
S19	Svetlana Komarova	The synthesis of iron-cobalt nanowires of calibrated size in polymer matrices and the study of the magnetic hyperthermia effect.	On site