



**International Symposium "Spin Waves 2024"**  
**Saratov, August 26-29**  
**Program (final)**

Time in Saratov is GMT+4 (Moscow time + 1 hour)

	August 26	August 27	August 28	August 29				
09:30-09:45	Arrival/Registration	<b>I-27-01</b> Elena Mishina <i>Efficient THz spintronic emitters with intrinsic amplitude and polarization control</i>	<b>I-28-01</b> Alexander Khitun (on-line) <i>Magnonic combinatorial memory</i>	<b>I-29-01</b> Mike Zhitomirsky (on-line) <i>Longitudinal magnons: new collective quantum excitations in large-S magnets.</i>				
09:45-10:00								
10:00-10:15					<b>O-27-02</b> Leonid Shelukhin <i>Interface-enhanced picosecond THz pulses generation in spintronic emitters Co/Pt</i>	<b>O-28-02</b> Алексей Устинов <i>Магнонная резервуарная вычислительная система с токовым управлением</i>	<b>O-29-02</b> Mikhail Prosnikov <i>Spin dynamics and phonon zeeman effect in CoTiO<sub>3</sub> revealed by Raman scattering in high magnetic field</i>	
10:15-10:30					<b>O-27-03</b> Evgeny Karashtin <i>Terahertz radiation by planar spintronic emitter grating</i>	<b>O-28-03</b> Andrei Telegin <i>DMI modulation in HM/FM heterostructures with a nonmagnetic spacer layer</i>		
10:30-10:45					<b>O-27-04</b> Natalia Sherstyuk <i>Control of the order parameters in ferroelectrics using intense THz pulses</i>	<b>O-28-04</b> Maksim Bakhmetiev <i>Spin-waves probe of percolation threshold in exchange-biased system</i>		
10:45-11:00					<b>O-27-05</b> Alexander Mukhin <i>Electro active Terahertz magnetic excitations in orthoferrites at low temperatures</i>	<b>O-28-05</b> Evgeny Skorokhodov <i>Investigation of the gyrotropic mode in magnetic vortex system by magnetic resonance force microscopy</i>		<b>O-29-03</b> Vasily Glazkov <i>Microwave study of the quasi-2D decorated square kagome lattice magnets ACu<sub>1-x</sub>(TeO<sub>4</sub>)(SO<sub>4</sub>)<sub>x</sub>Cl (A=Na, K, Cs, Rb)</i>
11:00-11:15					<b>I-27-06</b> Evgeny Mashkovich <i>Nonlinear Terahertz-driven dynamics of order parameters</i>	<b>O-28-06</b> Мария Амельченко <i>Микромагнитное моделирование ферромагнитного метаматериала в программе MAXLLG</i>		<b>O-29-04</b> Sergey Ovchinnikov <i>Effect of spin fluctuations on the electronic structure of frustrated 2D strongly correlated systems</i>
11:15-11:30		Group Photo		<b>O-29-05</b> Vera Klekovkina <i>Analysis of Terahertz absorption spectra and inelastic neutron scattering of frustrated magnet Tb<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub></i>				
11:30-12:00		Coffee-break		Coffee-break				
12:00-12:15		<b>Magnetophotonics at ultrafast and ultrasml scales</b> <i>chair - Roman Pisarev</i>	<b>I-27-07</b> Vladimir Belotelov <i>All-dielectric nanophotonics for optomagnetism</i>	<b>I-28-07</b> Anatolii Rinkevich <i>Electrodynamics of exchange-coupled metallic nanostructures in magnetic field</i>	<b>I-29-06</b> Arseniy Syromyatnikov <i>Antiferromagnets with random vacancies and substitutional spins on the triangular lattice</i>			
12:15-12:30								
12:30-12:45	<b>O-27-08</b> Pavel Usachev <i>Time-resolved spin dynamics in EuO probed by photo-induced Faraday effect</i>					<b>O-28-08</b> Andrey Azovtsev <i>Terahertz antiferromagnetic magnons excited by picosecond strain pulses in NiO</i>	<b>O-29-07</b> Alexander Smirnov <i>Crossover between pseudospin paramagnet and spin liquid in a chain antiferromagnet Cs<sub>2</sub>CoCl<sub>4</sub></i>	
12:45-13:00	<b>O-27-09</b> Anatolii Fedianin <i>Laser-induced THz dynamics of spin correlations in cubic antiferromagnets</i>					<b>O-28-09</b> Petr Gerevenkov <i>Laser-induced magnetoacoustic wavepackets formation controlled by relative polarizations of SAW and MSW components</i>	<b>O-29-08</b> Elizaveta Dvoretzkaya <i>Nonlinearity of the magnetic susceptibility of a Co(2+) mono-ion magnet in the paramagnetic region above the magnetic ordering temperature</i>	
13:00-13:15	<b>O-27-10</b> Iaroslav Filatov <i>Sagittally propagating magnetoelastic waves excited by localized laser pulse</i>					<b>O-28-10</b> Valentin Sakharov <i>Bragg resonances of anisotropic spin wave modes and wide band gap formation in subwavelength periodic magnonic structures</i>	<b>O-29-09</b> Леонид Свистов <i>Магнитные свойства LiCu<sub>2</sub>O<sub>3</sub> – квази двумерного антиферромагнетика на квадратной решётке со случайно распределёнными магнитными и немагнитными ионами</i>	
13:15-13:30	<b>O-27-11</b> Vladimir Skidanov <i>Exchange coupling between two ferromagnetic metallic nanolayers revealed by transverse Kerr effect</i>					<b>O-28-11</b> Анастасия Бир <i>Независимый параметрический резонанс в 1D и 2D бикомпонентных магнонных кристаллах</i>	<b>O-29-10</b> Тимофей Солдатов <i>Низкочастотная спиновая динамика квазидвумерного ферро-антиферромагнетика BaCdVO(PO<sub>4</sub>)<sub>2</sub></i>	



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	August 26	August 27	August 28	August 29
13.30-14:30		Lunch	Lunch	Lunch
14:30-15:00	Opening			
15.00-15.15			I-27-12 Pavel Maksimov <i>Kitaev materials: the search for spin liquid</i>	I-28-12 Irina Bobkova <i>Composite magnetic excitations in superconductor/magnet heterostructures</i>
15:15-15:30	I-26-01 Valery Uzdin <i>"Concrete" theory of topological magnetic solitons</i>			
15:30-15:45		I-26-02 Maksim Sapozhnikov <i>Dzyaloshinsky-Moriya interaction and topological magnetic states in Co/Pt films</i>	O-27-13 Yuri Bunkov <i>Magnon BEC from 1 mK to room temperature</i>	O-28-13 Igor Burmistrov <i>Localization of magnons at superconducting vortex in chiral magnet - superconductor heterostructure</i>
15:45-16:00	O-27-14 Andrey Andrianov <i>Fermi surface, nesting, and magnetic phase transition: case of the hcp heavy rare-earth metals</i>			
16.00-16.15		O-26-03 Irina Kalentyeva <i>Various topological magnetic states in thin ferromagnetic Co/Pd films</i>	O-27-15 Александр Москвин <i>Особенности спиновых взаимодействий и спиновых структур в ян-теллеровских магнетиках</i>	Coffee-break
16.15-16.30	O-27-16 Alexander Ovsyannikov <i>Exchange interactions and phase transitions in rare-earth orthoferrites RFeO<sub>3</sub> (R=Ho, Tb, Dy)</i>			
16:30-16:45		I-26-04 Mikhail Otrokov (on-line) <i>Intrinsic Magnetic Topological Insulators of the MnBi<sub>2</sub>Te<sub>4</sub> Family</i>	O-27-17 Евгений Винонович <i>Слабые ферромагнетики типа YFe<sub>2-x</sub>Cr<sub>x</sub>O<sub>7</sub>: отрицательная намагниченность и спиновая переориентация</i>	O-28-14 Alexey Drovoskov <i>Special features of magnetic resonance in metal-insulator nanogranular composites</i>
16:45-17:00	O-27-18 Igor Zobkalo <i>On the antisymmetric and symmetric interactions in multiferroic manganites</i>			
17.00-17.15		Posters-I and coffee (17.00-19.00)	Posters-II and coffee (17.00-19.00)	O-28-15 Lyubov Azarova <i>The study of spin-wave dynamics in amorphous ferromagnets by the method of small-angle neutron scattering</i>
	Welcome party			
				Closing