



Euro-Asian Symposium
EASTMAG - 2007
"MAGNETISM ON A NANOSCALE"

**Kazan
Russia**
23-26 August 2007



EASTMAG – 2007

Euro-Asian Symposium "Magnetism on a Nanoscale"

Евразийский симпозиум
по магнетизму "Magnetism on a Nanoscale"
(«Магнетизм на наноразмерах»)

P R O G R A M

23 – 26 августа 2007



Kazan State University
Russian Ministry of Education and Science
Kazan 2007

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EASTMAG 2007: PROGRAMM TIME-TABLE AND LOCATION

Wednesday, August 22		
16:00 – 21:00	Registration	Foyer of the Main building KSU
Thursday, August 23		
8:00 – 9:00	Registration	Foyer of the Main building KSU
9:00 – 9:30	Opening ceremony	Assembly hall, the Main building KSU
9:30 – 11:00	Plenary Lectures	Assembly hall, the Main building KSU
11:00 – 11:30	Coffee break	Cafeteria, CSC UNICS, 2 nd floor
11:30 – 13:00	Plenary Lectures	Minor Assembly hall CSC UNICS
13:00 – 14:30	Lunch	Cafeteria, CSC UNICS, 2 nd floor
14:30 – 15:30	Plenary Lecture	The Minor Assembly hall CSC UNICS
15:30 – 16:00	Coffee break	Cafeteria, CSC UNICS, 2 nd floor
16:00 – 18:00	Sessions	Hall A, Hall B, Hall C, 1 st floor, the Main building KSU
18:00 – 19:00	Evening meal	
19:00 – 21:00	Posters	2 nd floor Main building KSU
Friday, August 24		
9:30 – 11:00	Sessions	Hall A, Hall B, Hall C, 1 st floor, the Main building KSU
11:00 – 11:30	Coffee break	Ground floor, the Main building KSU
11:30 – 13:00	Sessions	Hall A, Hall B, Hall C, 1 st floor, the Main building KSU
13:00 – 14:30	Lunch	Cafeteria, CSC UNICS, 2 nd floor
14:30 – 16:00	Sessions	Hall A, Hall B, Hall C, 1 st floor, the Main building KSU
16:00 – 16:30	Coffee break	Ground floor, the Main building KSU
16:30 – 18:00	Sessions	Hall A, Hall B, Hall C, 1 st floor, the Main building KSU
18:00 – 19:00	Evening meal	
19:00 – 21:00	Posters	2 nd floor, the Main building KSU
Saturday, August 25		
9:30 – 11:00	Sessions	Hall A, Hall B, Hall C, 1 st floor, the Main building KSU
11:00 – 11:30	Coffee break	Ground floor, the Main building KSU
11:30 – 13:00	Sessions	Hall A, Hall B, Hall C, 1 st floor, the Main building KSU
13:00 – 14:30	Lunch	Cafeteria, CSC UNICS, 2 nd floor
14:30 – 18:00	EXCURSIONS	
18:00 – 21:00	Symposium Dinner	Hotel "Tatarstan"
Sunday, August 26		
9:30 – 11:00	Sessions	Hall A, Hall B, Hall C, 1 st floor, the Main building KSU
11:00 – 11:30	Coffee break	Ground floor, the Main building KSU
11:30 – 13:00	Sessions	Hall A, Hall B, Hall C, 1 st floor, the Main building KSU
13:00 – 14:30	Lunch	Cafeteria, CSC UNICS, 2 nd floor
14:30 – 15:00	Closing ceremony	The Minor Assembly hall CSC UNICS.

PROGRAM EASTMAG 2007

Wednesday, August 22			
16:00 – 21:00	Registration	Foyer of the Main building of KSU	
Thursday, August 23			
8:00 – 9:00	Registration	Foyer of the Main building of KSU	
9:00 – 9:30	Opening ceremony (Chairman: Lenar Tagirov)	Assembly hall, the Main building of KSU	
9:30 – 10:15	Plenary Lecture Alexandre Buzdin , <i>Université Bordeaux I, Talence, France</i> Peculiar properties of the superconductor-ferromagnet nanostructures	Assembly hall, the Main building of KSU	
10:15 – 11:00	Plenary Lecture Peter Grünberg , <i>Forschungszentrum Jülich, Germany</i> Spin transfer phenomena in layered magnetic structures: physics, applications	Assembly hall, the Main building of KSU	
11:00 – 11:30	Coffee break	Cafeteria, CSC UNICS, 2 nd floor	
11:30 – 12:15	Plenary Lecture Xiaofeng Jin , <i>Fudan University, Shanghai, China</i> Nanomagnetism by surface manipulation	Minor Assembly hall of CSC UNICS	
12:15 – 13:00	Plenary Lecture Siddharth Saxena , <i>Cavendish Laboratory, Cambridge, UK</i> From quantum critical magnets to superconducting graphite	Minor Assembly hall of CSC UNICS	
13:00 – 14:30	Lunch	Cafeteria, CSC UNICS, 2 nd floor	
14:30 – 15:30	Plenary Lecture Heico Frima , <i>Research Directorate-General, European Commission, Brussels, Belgium</i> <u>Seventh Framework Programme for research and technological development (FP7)</u>	Minor Assembly hall of CSC UNICS	
15:30 – 16:00	Coffee break	Cafeteria, CSC UNICS, 2 nd floor	
	Hall A , 1 st floor, the Main building of KSU Session Magnetism and superconductivity Chairman: A. Buzdin	Hall B , 1 st floor, the Main building of KSU Session Spintronics (spin-polarized transport, materials and applications) Chairman: A. Zvezdin	Hall C , 1 st floor, the Main building of KSU Session Magnetic Nanowires and Particles Chairman: H.P. Oepen
16:00 – 16:30	J. Aarts , <i>Kamerlingh Onnes Laboratory, Leiden University, P.O. Leiden, The Netherlands</i> Spin switching and spin pumping in s/f heterostructures (invited)	V. Ustinov , <i>Institute of Metal Physics, Ekaterinburg, Russia</i> Tunable spin-injection maser (invited)	A. Zhukov , <i>Dpto. Fisica de Materiales, Universidad del Pais Vasco, Spain</i> Recent research in tailoring of GMI effect in thin amorphous microwires (invited)
16:30 – 17:00	C. Attanasio , <i>Universita degli Studi di Salerno, Baronissi, Italy</i> High-velocity instabilities in the vortex lattice of Nb/Py bilayers (invited)	A. Pyatakov , <i>Moscow State University, Russia</i> Magnetoelectric interaction in multiferroic rare earth ferrobates (invited)	V.M. Prida , <i>Universidad de Oviedo, Spain</i> Magnetic properties of self-assembled metallic nanowires in nanoporous templates (invited)

17:00 – 17:30	A. Sidorenko , <i>Institute of Applied Physics, Kishinev, Moldova</i> Re-entrant superconductivity in $\text{Cu}_{1-x}\text{Ni}_x/\text{Nb}$ bilayers (invited)	A. Bukharaev , <i>Zavoysky Physical-Technical Institute of RAS, Kazan, Russia</i> Experimental studies of magnetoresistance in ferromagnetic nanocontacts (invited)	N.A. Usov , <i>IZMIRAN, Troitsk, Moscow region, Russia</i> Properties of Fe-rich amorphous microwires: numerical simulation and experiment
17:30 – 17:45	S. Prischepa , <i>Belarus State University of Informatics and RadioElectronics, Minsk, Belarus</i> Properties of finite superconductor/ferromagnet heterostructures (invited)	A. Popkov , <i>F.V. Lukin State Scientific-Reseach Institute of Physical Problems, Moscow, Russia</i> Features of spin dynamics induced by spin-polarized current in ferro- and antiferromagnetic multilayered structure in the model of macrospin	W.B. Jian , <i>Department of Electrophysics, National Chiao Tung University, Taiwan</i> Altering magnetic states of $\text{Zn}_{1-x}\text{Co}_x\text{O}$ nanowires by thermal annealing (invited)
17:45 – 18:00		N. Volkov , <i>Kirensky Institute of Physics, Krasnoyarsk, Russia</i> The magneto-dependent effect of microwave detection in a manganite granular system	
18:00 – 19:00	Evening meal		
19:00 – 21:00	Posters, 2nd floor the Main building of KSU Sessions Spintronics (spin-polarized transport, materials and applications): P-41 – P-54 Spin dynamics and resonances: P-67 – P-97 Magnetic phase separations on a nanoscale: P-110 – P-113 Dilute magnetic semiconductors: P-124 – P-131.		
Friday, August 24			
	Hall A , 1 st floor, the Main building of KSU Session Magnetism and superconductivity Chairman: A. Sidorenko	Hall B , 1 st floor, the Main building of KSU Session Magnetic phase separations on a nanoscale Chairman: A. Rakhmanov	Hall C , 1 st floor, the Main building of KSU Session Magnetic nanowires and particles Chairman: V. Prida
9:30 – 10:00	A. Mel'nikov , <i>Institute for Physics of Microstructures, Nizhny Novgorod, Russia</i> Domain wall superconductivity in ferromagnetic superconductors and hybrid S/F structures (invited)	G. Teitel'baum , <i>E.K.Zavoiskii Institute for Technical Physics, Kazan, Russia</i> Spin and charge excitations in the cuprates stripe phase (invited)	Hans Peter Oepen <i>Institut für Angewandte Physik, Universität Hamburg</i> Fabrication and characterization of magnetic nanodots based on CoPt multilayers (invited)
10:00 – 10:30	Jozef Spalek , <i>Institute of Physics, Jagiellonian University, Krakow, Poland</i> Superconductivity with the spin-dependent mass of quasiparticles: bcs, Fulde-Ferrell-Larkin-Ovchinnikov state, and Ginzburg-Landau functional (invited)	K. Kugel , <i>Institute for Theoretical and Applied Electrodynamics, Moscow, Russia</i> The structure of magnetic polarons in doped antiferromagnetic insulators	C. Antoniak , <i>Universität Duisburg-Essen, Duisburg, Germany</i> Orbital magnetism of FePt nanoparticles (invited)

10:30 – 10:45	S. Vdovichev , <i>Institute for Physics of Microstructures, Nizhny Novgorod, Russia</i> Title transport properties of overlap josephson junction controlled by non-uniform magnetic field of submicron magnetic dots	A. Kalinov , <i>All-Russian Electrical Engineering Institute, Moscow, Russia</i> Peculiarities of the magnetic-field-induced ferromagnetic ordering in low-bandwidth manganites	B. Gribkov , <i>Institute for physics of microstructures RAS, Nizhny Novgorod, Russia</i> Control of the magnetic state in ferromagnetic nanoparticles by magnetic field of MFM probe
10:45 – 11:00		R. Mamin , <i>Zavoisky Physical-Technical Institute, Kazan, Russia</i> Magnetoelectric properties, long-time memory effect and charge segregation in manganites (invited)	A. Osipov , <i>Institute for Theoretical and Applied Electromagnetics RAS, Moscow, Russia</i> Powdering of thin fe films: effect on microwave properties of composites filled with
11:00 – 11:30	Coffee break Ground floor, the Main building of KSU		
	Hall A , 1 st floor, the Main building of KSU Session Magnetism and superconductivity Chairman: G. Teitel'baum	Hall B , 1 st floor, the Main building of KSU Session Magnetic phase separations on a nanoscale Chairman: K. Kugel	Hall C , 1 st floor, the Main building of KSU Session Magnetic nanowires and particles Chairman: A. Fraerman
11:30 – 12:00	S. Ovchinnikov , <i>L.V. Kirensky Institute of Physics, Krasnoyarsk, Russia</i> , Electronic structure and mechanisms of high temperature superconductivity (invited)	A. Sidorenko , <i>Università di Parma, Italy</i> Suppression of magnetic properties of manganite layer in Au/La _{0.67} Sr _{0.33} MnO ₃ interfaces	E. Meilikhov , <i>Kurchatov Institute, Moscow, Russia</i> Ising spins in small world networks (invited)
12:00 – 12:30	A. Sherman , <i>Institute of Physics, University of Tartu, Estonia</i> Magnetic incommensurability and pseudogap in the spectra of strongly correlated systems	A. Rakhmanov , <i>Institute for Theoretical and Applied Electrodynamics, Moscow, Russia</i> Phase separation in strongly correlated electron systems with two types of charge carriers	Y. Furukawa , <i>Graduate School of Science, Hokkaido University, Sapporo, Japan</i> NMR studies of magnetic properties of nanoscale molecular magnet V15 (invited)
12:30 – 12:45	A. Kordyuk , <i>IFW Dresden, Germany</i> Arpes on 2D HTSC and CDW compounds: resent results (invited)	Yu. Talanov , <i>Zavoisky Physical-Technical Institute, Kazan, Russia</i> Features of the microscopic phase separation in La _{1-x} Ca _x MnO ₃ thin films as revealed by electron spin resonance	R. Farztdinova , <i>Kurchatov Institute, Moscow, Russia</i> RKKY interaction of magnetic moments in nanosized systems
12:45 – 13:00		E. Voronina , <i>Physical-Technical Institute, Izhevsk, Russia</i> Local arrangement of magnetic moments in the ordered FE _{1-x} AL _x (25<x<35 at.% Al) alloys	V. Kostyuchenko , <i>Institute of Microelectronics and Informatics RAS, Yaroslavl, Russia</i> Exchange interactions in {Ni ₄ Mo ₁₂ }
13:00 – 14:30	Lunch Cafeteria, CSC UNICS, 2 nd floor		

	Hall A , 1 st floor, the Main building of KSU Session Magnetism and superconductivity Chairman: S. Ovchinnikov	Hall B , 1 st floor, the Main building of KSU Session Ultra-thin magnetic films and multilayers Chairman: V. Kataev	Hall C , 1 st floor, the Main building of KSU Session Magnetic phase separations on a nanoscale Chairman: A. Kordyuk
14:30 – 14:45	S. Popkov , <i>Kirensky Institute of Physics, Krasnoyarsk, Russia</i> Josephson coupling through magneto-active barriers in HTSC-based composites	G. Khaliullin , <i>Max-Planck-Institute for Solid State Research, Stuttgart, Germany</i> Electronic reconstruction at oxide interfaces (invited)	V. Antropov , <i>Ames Laboratories, USA</i> Magnetic short range order in magnets (invited)
14:45 – 15:00	G. Ovsyannikov , <i>Institute of Radio Engineering and Electronics, Moscow, Russia</i> Josephson effect in hybrid oxide heterostructures with antiferromagnetic interlayer		
15:00 – 15:15	D. Dzebisashvili , <i>L.V. Kirensky Institute of Physics, Krasnoyarsk, Russia</i> Heavy-fermion s-wave superconducting state mediated by dynamical spin fluctuations	A. Gapontsev , <i>Institute of Metal Physics, Yekaterinburg, Russia</i> The impact of charge and spin density waves in chromium upon magnetic structure of FE/CR/FE trilayers	A. Moskvin , <i>Ural State University, 620083, Ekaterinburg, Russia</i> Nanoscale electronic phase separation in strongly correlated oxides (invited)
15:15 – 15:30	N.G. Bebenin , <i>Institute of Metal Physics, Ekaterinburg, Russia</i> Critical behavior of activation energy in $\text{La}_{0.72}\text{Ba}_{0.28}\text{MnO}_3$ single crystal exhibiting colossal magnetoresistance	I. Edelman , <i>L.V. Kirensky Institute of Physics, Krasnoyarsk, Russia</i> Unusual magnetic behaviour of layered Ni-Ge films	
15:30 – 15:45	D. Balaev , <i>L.V. Kirensky Institute of Physics, Krasnoyarsk, Russia</i> The study of hysteretic behavior of magnetoresistance of granular high-Tc superconductors	B. Rameev , <i>Gebze Institute of Technology, Gebzei, Turkey</i> FMR Study of thin films of double perovskite $\text{La}_2\text{NiMnO}_6$	L. Fisher , <i>All-Russian Electrical Engineering Institute, Moscow, Russia</i> Correlation of phase diagrams and spontaneous magnetization jumps in low-bandwidth manganites
15:45 – 16:00	M.M. Korshunov , <i>L.V. Kirensky Institute of Physics, Krasnoyarsk, Russia</i> Theory for itinerant magnetism in Na_xCoO_2	V. Gornakov , <i>Institute of Solid State Physics, Moscow, Chernogolovka, Russia</i> Influence of dislocations on domain structure evolution in nanocomposite heterophase exchange-bias films	N.A. Babushkina , <i>Institute of Molecular Physics, Moscow, Russia</i> The effect of oxygen isotope substitution on $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ manganite doped by chromium and ruthenium
16:00 – 16:30	Coffee break	Ground floor, the Main building of KSU	

	Hall A , 1 st floor, the Main building of KSU Session Spin dynamics and resonances Chairman: G. Khaliullin	Hall B , 1 st floor, the Main building of KSU Session Ultra-thin magnetic films and multilayers Chairman: V. Ignatchenko	Hall C , 1 st floor, the Main building of KSU Session Nanocrystalline magnetic materials Chairman: V. Antropov
16:30 – 17:00	B. Kochelaev , <i>Kazan State University, Russia</i> Phase separation in cuprates studied by the electron paramagnetic resonance (invited)	B. Aktaş , <i>Gebze Institute of Technology, Gebzei, Turkey</i> FMR studies of ultra-thin-film spin-valve structures (invited)	R. Iskhakov , <i>Institute of Physics, Krasnoyarsk, Russia</i> Exchange correlations in nanocomposites: correlation magnetometry and spin-wave resonance studies (invited)
17:00 – 17:15	V. Kataev , <i>Leibniz Institute for Solid State and Materials Research IFW Dresden, Germany</i> Magnetic resonance in low-dimensional quantum spin systems (invited)	F. Mikailov , <i>Gebze Institute of Technology, Gebze-Kocaeli, Turkey</i> Ferroelectricity and ferromagnetism in layered ternary TlMeX ₂ compounds (invited)	A.K. Arzhnikov , <i>Physical-Technical Institute, Izhevsk, Russia</i> A theoretical study of non-collinear magnetic structures in quasi-ordered Fe-Al alloys
17:15 – 17:30		L. Uspenskaya , <i>Institute of Solid State Physics, Chernogolovka, Russia</i> Smart features of remagnetization of bilayer LCMO/YBCO film below T _c	O.S. Ivanova , <i>Kirensky Institute of Physics, Krasnoyarsk</i> Nanocrystalline ferrite particles in amorphous matrix
17:30 – 17:45	J. Sichelschmidt , <i>Max Planck Institute for Chemical Physics of Solids, Dresden, Germany</i> ESR of heavy fermion compounds (invited)	D. Khalyapin , <i>Kirensky Institute of Physics, Krasnoyarsk, Russia</i> The influence of non-magnetic spacer on exchange bias in Co/Cu/CoO trilayer	S.S. Kantorovich , <i>Department of Mathematical Physics, Ural State University, Ekaterinburg, Russia</i> Microstructure of ferrofluid monolayers
17:45 – 18:00		A. Telegin , <i>Institute of Metal Physics, Ekaterinburg, Russia</i> Magneto-optical and optical properties of the layers of YBa ₂ Cu ₃ O _{7-δ} /La _{0.75} Ba _{0.25} CuO ₄ /La _{0.8} Ba _{0.2} MnO ₃ heterostructure on Ni5%W tape	O.V. Vorotynova , <i>Institute of Architecture and Construction of SFU, Krasnoyarsk</i> Magneto-optical and nonlinear-optical effects in CO nanoparticles in silicate glass
18:00 – 19:00	Evening meal		
19:00 – 21:00	Posters , 2 nd floor, the Main building of KSU Sessions Magnetism and superconductivity: P-154 – P-172 Ultra-thin magnetic films and multilayers: P-186 – P-205 Nanocrystalline magnetic materials: P-214 – P-231 Magnetic nanowires and particles: P-245 – P-259 Unconventional magnetism materials: P-271 – P-281		

Saturday, August 25			
	Hall A , 1 st floor, the Main building of KSU Session Spin dynamics and resonances Chairman: B. Kochelaev	Hall B , 1 st floor, the Main building of KSU Session Spintronics (spin-polarized transport, materials and applications) Chairman: V. Ustinov	Hall C , 1 st floor, the Main building of KSU Session Unconventional magnetism and materials Chairman: S. Saxena
9:30 – 10:00	M. Farle , <i>Fachbereich Physik and Center for Nanointegration, Universität Duisburg-Essen, Germany</i> Relaxation mechanisms in ferromagnets: epitaxial Fe ₃ Si and Fe ultrathin films (invited)	G. Pan CRIST, <i>School of Computing, Communications and Electronics, University of Plymouth, Plymouth, Devon, UK</i> Mram -solid state magnetic memory (invited)	C. Ambrosch-Draxl , <i>University of Leoben, Austria</i> Exact Exchange For Non-Collinear Magnetism (invited)
10:00 – 10:30	V. Demidov , <i>Institute of Radio Engineering and Electronics, Moscow, Russia</i> Magnetic-field-controlled phase separation and cluster dynamics in manganites (invited)	P. Zilberman , <i>Institute of Radioengineering and Electronics, Moscow, Russia</i> Properties of magnetic junctions under the current driven high spin-injection level (invited)	A.A. Fraerman , <i>Institute for Physics of Microstructures RAS, Nizhny Novgorod, Russia</i> Non coplanar magnetic nanostructures: fabrication and transport properties (invited)
10:30 – 10:45	E. Vavilova , <i>Kazan Physical Technical Institute, Russia</i> Magnetic and electronic properties of multiwall vanadium oxide nanotubes probed by magnetic resonance and static magnetization.	A. Pyatakov , <i>Moscow State University, Russia</i> Magnetoelectric control of magnetic domain wall structure	V.I. Belotelov , <i>A.M. Prokhorov General Physics Institute, Moscow, Russia</i> Faraday and kerr effects in perforated metallo-dielectric heterostructures
10:45 – 11:00	A. Ezhevskii , <i>University of Nizhniy Novgorod, Russia</i> . Contribution of hyperfine interaction with magnetic nuclei of ²⁹ Si isotope to the line width and spin relaxation for deep and shallow donor centers and conduction electrons in silicon	E. Shreder , <i>Institute of Metal Physics, Ekaterinburg, Russia</i> Optical properties and electronic structure of the heusler alloy Co ₂ CrAl	N.N. Kosyrev , <i>L.V. Kirensky Institute of Physics, Siberian Branch, Krasnoyarsk, Russia</i> In situ smoke measurements in ultrahigh vacuum by ellipsometry
11:00 – 11:30	Coffee break Ground floor, the Main building KSU		
	Hall A , 1 st floor, the Main building of KSU Session Spin dynamics and resonances Chairman: M. Farle	Hall B , 1 st floor, the Main building of KSU Session Spintronics (spin-polarized transport, materials and applications) Chairman: G.Pan	Hall C , 1 st floor, the Main building of KSU Session Unconventional magnetism and materials Chairman: C. Ambrosch-Draxl
11:30 – 11:45	I. Eremin , <i>Max-Planck Institute for Physics of Complex Systems, Dresden, Germany</i> Resonant magnetic excitations in novel superconductors: feedback of unconventional order parameter (invited)	A. Baryshev , <i>Toyohashi University of Technology, Japan</i> Magnetophotonic crystals: the way to enhance the Faraday rotation (invited)	I.R. Mukhamedshin , <i>Physics Department, Kazan State University, Kazan, Russia</i> Influence of charge order on the magnetic properties of lamellar cobaltates
11:45 – 12:00			A.G Kuchin <i>Institute for Metal Physics, Ekaterinburg, Russia</i> Magnetic phase diagram of the Lu ₂ Fe _{17-x} Mn _x compounds

12:00 – 12:15	V. Ignatchenko , <i>L.V. Kirensky Institute of Physics, Krasnoyarsk, Russia</i> Waves and magnetic resonances in randomized superlattices and nanocrystals (invited)	A.V. Khvalkovskii , <i>A.M. Prokhorov General Physics Institute of RAS, Moscow, Russia</i> Current-induced magnetization dynamics of nanopillars: macrospin vs. Micromagnetic approaches	A. Ermolenko , <i>Institute of Metal Physics, Ural Division of RAS, Ekaterinburg, Russia</i> Local crystal field symmetry breaking as ultimate reason of ferromagnetism onset in PrNi _{5-x} Cu _x pseudobinaries
12:15 – 12:30			N. Ivanova , <i>Polytechnic Institute, Siberian Federal University, Krasnoyarsk, Russia</i> A comparative study of GdCoO ₃ and SmCoO ₃ magnetic properties
12:30 – 12:45	A. Pankrats , <i>L.V. Kirensky Institute of Physics, Krasnoyarsk, Russia</i> Antiferromagnetic resonance in RFe ₃ (BO ₃) ₄ single crystals (R=Gd, Y, Nd)	S. Aplesnin , <i>L.V. Kirensky Institute of Physics, Krasnoyarsk, Russia</i> Anomalies in magnetoresistance for ferromagnetics with four-spin exchange interaction on the kondo lattice	I. Medvedeva , <i>Institute of Metal Physics, Ural Division of the Russian Academy of Sciences</i> Instability of ferromagnetic state in rare-earth-iron based intermetallic compounds to applied pressure
12:45 – 13:00	V. Pokatilov , <i>Moscow State Institute of Radioengineering, Electronics and Automation, Moscow, Russia</i> Short-range order in amorphous Fe-B alloys: ¹¹ B and ⁵⁷ Fe NMR study	S. Volchkov , <i>Ural State University, Ekaterinburg, Russia</i> Giant magnetoimpedance of FeNi/Cu/FeNi and FeNiCo/Cu/FeNiCo multilayered film structures	V. Grebennikov , <i>Institute of Metal Physics, Ekaterinburg, Russia</i> A self-consistent fluctuating field theory of heisenberg ferromagnets
13:00 – 14:30	Lunch Cafeteria, CSC UNICS, 2 nd floor		
14:30 – 18:00	EXCURSION		
18:00 – 21:00	Symposium Dinner Hotel “Tatarstan”		
Sunday, August 26			
	Hall A , 1 st floor, the Main building of KSU Session Magnetism and superconductivity Chairman: J. Aarts	Hall B , 1 st floor, the Main building of KSU Session Dilute magnetic semiconductors Chairman: K. Potzger	
9:30 – 10:00	V. Ryazanov , <i>Lab of Superconductivity, ISSP RAS, Chernogolovka, Russia</i> Coexistence of 0- and Pi-states in Josephson SFS junctions (invited)	T. Fukumura , <i>Institute for Material Science, Tohoku University, Sendai 980-8577, Japan</i> Magnetic oxide semiconductors toward room temperature spintronics (invited)	
10:00 – 10:30	Ya. Fominov , <i>Landau Institute for Theoretical Physics, Chernogolovka, Russia</i> Long-range odd triplet superconductivity in superconductor-ferromagnet structures with Néel walls (invited)	B.A. Aronzon , <i>Russian Research Center “Kurchatov Institute</i> MAGNETIC AND magnetotransport properties of 2D semiconductor structures with Mn delta layer (invited)	

10:30 – 11:00	N. Chtchelkatchev , <i>Landau Institute for Theoretical Physics, Chernogolovka, Russia</i> Energy relaxation in the spin polarized disordered fermi liquid (invited)	E.S. Demidov , <i>Nizhni Novgorod State University, Russia</i> High temperature ferromagnetism in laser deposited layers of silicon and germanium doped by manganese or iron impurities (invited)	
11:00 – 11:30	Coffee break Ground floor, the Main building KSU		
	Hall A , 1 st floor, the Main building of KSU Session Magnetism and superconductivity Chairman: A. Mel'nikov	Hall B , 1 st floor, the Main building of KSU Session Dilute magnetic semiconductors Chairman: T. Fukumura	
11:30 – 12:00	N. Pugach , <i>Lomonosov Moscow State University, Moscow, Russia</i> SIFS Josephson junction with the inhomogeneous transparency of S/F interface	R. Khaibullin , <i>Kazan Physical-Technical Institute, Kazan, Russia</i> Anisotropy and two-phase ferromagnetism in co-implanted single-crystalline rutile (invited)	
12:00 – 12:30	M. Khusainov , <i>Kazan State Tupolev Technical University, Chistopol', Russia</i> The possibility of π -phase superconducting states in the pure ferromagnet-superconductor-ferromagnet trilayer	K. Potzger , <i>Institute of Ion Beam Physics and Materials Research, Dresden, Germany</i> Transition metal doping of semiconductors by ion beams – diluted vs. granular magnetism (invited)	
12:30 – 12:45	I. Larionov , <i>MRS Laboratory, Kazan State University, Kazan, Russia</i> The elusive magnon-like excitations in magnetic resonance studies of copper oxide superconductors	E. Gan'shina , <i>Moscow State Univ., Russia</i> Transversal kerr effect in the semiconductor of titanium oxide films doped with Co	
12:45 – 13:00	A. Andreev , <i>Mari-El State University, Ioshkar-Ola, Russian Federation</i> Toward the theory of neutron scattering in $\text{Pr}_{0.88}\text{LaCe}_{0.12}\text{CuO}_{4-x}$	M.V. Dorokhin , <i>Physico-Technical Research Institute, Nizhny Novgorod, Russia</i> Magnetic semiconductor (III,Mn)V emitters in circularly polarized light diodes	
13:00 – 14:30	Lunch Cafeteria, CSC UNICS, 2 nd floor		
14:30 – 15:00	Closing ceremony The Minor Assembly hall CSC UNICS		

