

PLENARY SESSION P15

9 ⁰⁰ -9 ²⁰	Opening Ceremony (Lecture Hall 210)		
9 ²⁰ -10 ⁰⁰	K.A.Muller (Physics Institute, Zurich University, Switzerland) Jahn-Teller vibronic ground states and superconductivity		
10 ⁰⁰ -10 ⁴⁰	T.Egami (University of Tennessee, USA) "Phonon-induced electronic bound state and its role in high temperature superconductivity"		
10 ⁴⁰ -11 ¹⁰	COFFEE BREAK		
11 ¹⁰ -11 ⁵⁰	A.Shengelaya (Physics Institute, Zurich University, Switzerland) "Microscopic phase separation and two type of quasiparticles in lightly doped La _{2-x} Sr _x CuO ₄ "		
11 ⁵⁰ -12 ²⁰	T.Imai (McMaster University, Canada) "NMR investigation of Na _x CoO _{2-y} H ₂ O"		
12 ²⁰ -12 ⁵⁰	A.Janossy (Research Institute for Solid State Physics and Optics, Budapest, Hungary) "Electron spin resonance in high temperature superconductors and related materials"		
13 ⁰⁰ -14 ³⁰	LUNCH		
Session 15A High Tc-Superconductivity I (Lecture Hall 210)		Session 15B Low Dimensional Magnetism (Lecture Hall 212)	
14 ³⁰ -15 ⁰⁰	M.Oda (Hokkaido University, Japan) "Electronic excitations in the superconducting state of Bi2212"	14 ³⁰ -15 ⁰⁰	H.A.Krug von Nidda (Augsburg University, Germany) "Electron-spin resonance in one-dimensional transition-metal oxides"
15 ⁰⁰ -15 ³⁰	G.Khaliullin (Max-Planck Institute for Solid State Research, Stuttgart, Germany) "Density response and phonon renormalization in cuprates"	15 ⁰⁰ -15 ¹⁵	L.E.Svistov (Institute for Crystallography, Moscow, Russia) "Quasi two-dimensional antiferromagnet on a distorted triangular lattice KFe(MoO ₄) ₂ "
		15 ¹⁵ -15 ³⁰	P.van Loosdrecht (Optical Solid State Physics, Material Science Center, Groningen, The Netherlands) "Phase transitions and magnetic excitations in RFe ₃ (BO ₃) ₄ "
15 ³⁰ -16 ⁰⁰	M.V.Eremin (Kazan State University, Russia) "Polaron effects in the extended Hubbard model: possible isotope effect on the resonance peak formation in layered cuprates"	15 ³⁰ -15 ⁴⁵	K.Mikhalev (Institute of Metal Physics, Ekaterinburg, Russia) "NMR study of the infinite-layer antiferromagnet SrCuO ₂ "
		15 ⁴⁵ -16 ⁰⁰	A.E.Semeno (General Physics Institute, Moscow, Russia) "High-frequency EPR study of Co doped CuGeO ₃ "
16 ⁰⁰ -16 ³⁰	COFFEE BREAK		
Session 15C High Tc-Superconductivity II (Lecture Hall 210)		Session 15D Nanoclusters and nanopores (Lecture Hall 212)	
16 ³⁰ -17 ⁰⁰	A.Dooglav (Kazan State University) "Electronic phase separation in antiferromagnetic YBa ₂ Cu ₃ O ₆ lightly doped with calcium as seen from Cu(1) NQR"	16 ³⁰ -17 ⁰⁰	R.B.Clarkson (University of Illinois at Urbana-Champaign, USA) "Mechanisms of oxygen/sensors interactions in T ₂ oxygen porometry"
17 ⁰⁰ -17 ³⁰	V.V.Kabanov (Jozef Stefan Institute, Ljubljana, Slovenia) "Mesoscopic phase separation in the model with competing Jahn-Teller and Coulomb interaction"	17 ⁰⁰ -17 ¹⁵	M.S.Tagirov (Kazan State University) (to be announced later)
		17 ¹⁵ -17 ³⁰	P. Matus (Research Institute for Solid State Physics and Optics, Budapest, Hungary) "Properties of tetrahedral alkali lines in Na ₂ CsC ₆₀ by NMR"
17 ³⁰ -18 ⁰⁰	V.L.Vakula (Institute for Low Temperature Physics and Engineering, Kharkov, Ukraine) "Optical evidence for the existence of a stripe structure in the normal and superconducting phases YBa ₂ Cu ₃ O _{6+x} "	17 ³⁰ -17 ⁴⁵	J.Kliava (Bordeaux University, France) "Unusual magnetic phase transitions in Gd ³⁺ clusters in multicomponent oxide glasses"
		17 ⁴⁵ -18 ⁰⁰	F.Mikhailov (Gebze Institute of Technology, Turkey) "EPR investigations of the phase transitions and local symmetry changes in Fe ³⁺ doped TiGaSe ₂ "
18 ³⁰ -22 ⁰⁰	WELCOME PARTY		

16 August		SCIENTIFIC FORUM (University Culture and Sport Hall)			
		10 ⁰⁰ -12 ⁴⁵	M.Kh.Salakhov, Rector of Kazan State University "200 years of Kazan University" B.I.Kochelaev (Kazan State University, Russia) "60 years of EPR in Kazan" Zavoyskii' Award Ceremony Opening of the monument to E.K.Zavoyskii		
		13 ⁰⁰ -14 ³⁰	LUNCH		
		PLENARY SESSION P16 (Lecture Hall 210)			
		14 ³⁰ -15 ⁰⁰	D.Pavuna (Institute of Physics of Complex Matter, Lausanne, Switzerland) "Direct Photoemission Studies on High-T _c Films: Doping, Strain, T _c and Dynamic Energy Landscapes"		
		15 ⁰⁰ -15 ³⁰	A.Bussman-Holder (Max-Planck Institute for Solid State Research, Stuttgart, Germany) "Electron-lattice interactions as origin of two components in high T _c cuprates"		
		15 ³⁰ -16 ⁰⁰	H Alloul (University of Paris-Sud, France) (to be announced later)		
		16 ⁰⁰ -16 ³⁰	COFFEE BREAK		
		Session 16A High T_c-Superconductivity III (Lecture Hall 210)		Session 16B Nanocontacts, nanoclusters and nanocavities (Lecture Hall 212)	
		16 ³⁰ -17 ⁰⁰	K.Kumagai (Hokkaido University, Japan) "Antiferromagnetism in the vortex core of HTSC"		A.M.Savin (Helsinki University of Technology, Finland) "Electron cooling and control of Josephson current at sub kelvin temperatures"
17 ⁰⁰ -17 ³⁰	N.Suleimanov (Kazan Physics-Technical Institute, Russia) "Magnetic pinning on nanoscaled ferromagnetic particles in cuprates and MgB ₂ studied by magnetically modulated microwave absorption technique"	17 ⁰⁰ -17 ³⁰	E.B.Feldman (Institute of Problems of Chemical Physics, Chernogolovka, Russia) "NMR lineshape and spin-lattice relaxation of a gas of spin-1/2 carrying molecules in nanocavities"		
17 ³⁰ -17 ⁴⁵	S.I. Belov (Kazan State University) "An evolution of magnetic properties and spin kinetics of cuprates with hole doping"	17 ³⁰ -17 ⁴⁵	A.A.Bukharaev (Kazan Physics-Technical Institute, Russia) "Magnetoresistance in electrochemically deposited nickel nanocontacts"		
17 ⁴⁵ -18 ⁰⁰	L.S.Mazov (Institute for Physics of Microstructures, Nizhny Novgorod, Russia) "NMR vs. resistivity measurements in the doped cuprates: the nature of field-induced antiferromagnetic ordering"	17 ⁴⁵ -18 ⁰⁰	N. Mikhin (Institute for Low Temperature Physics and Engineering, Kharkov, Ukraine) "Peculiarities of spin-spin and spin-lattice nuclear relaxation in solid ³ He clusters and superlow temperatures"		
18 ⁰⁰ -19 ³⁰	DINNER				
19 ³⁰ -22 ⁰⁰	CULTURE PROGRAMM				

PLENARY SESSION P17 (Lecture Hall 210)

9 ⁰⁰ -9 ⁴⁰	K.Baberschke (Berlin University, Germany) "From local moment ESR in superconductors to nanoscale ferromagnets"		
9 ⁴⁰ -10 ¹⁰	V.A.Atсарkin (Institute of Radio Engineering and Electronics, Moscow, Russia) "Spin relaxation and internal motion in manganites: the critical and magnetic-dilution effects"		
10 ¹⁰ -10 ⁴⁰	G.B.Teitelbaum (Kazan Physics-Technical Insitute, Russia) "The pseudogap regime and dynamical phase separation in high- T_c cuprates"		
10 ⁴⁰ -11 ¹⁰	COFFEE BREAK		
11 ¹⁰ -11 ⁵⁰	K.Kono (RIKEN, Tokyo, Japan) "Plasmon resonance of the 2D Wigner solid to study surface excitations of liquid He"		
11 ⁵⁰ -12 ²⁰	B.Heinrich (Simon Freser University, Burnaby, Canada) "Spin Transport and Dynamics in Magnetic Nanostructures"		
12 ²⁰ -12 ⁵⁰	I.A.Garifullin (Kazan Physics-Technical Insitute, Russia) "Modification of the ferromagnetic state under the influence of superconductivity in epitaxial V/Pd _{1-x} Fe _x bilayers"		
13 ⁰⁰ -14 ³⁰	LUNCH		
Session 17A Quantum critical regime (Lecture Hall 210)		Session 17B Layered Structures I (Lecture Hall 212)	
14 ³⁰ -15 ⁰⁰	J.Sichelschmidt (Max-Planck Institute of Chemical Physics of Solids, Dresden, Germany) "Electron spin resonance of heavy fermion metals: probing the quantum critical regime"	14 ³⁰ -14 ⁴⁵	M.R.Wahab (MARA University of Technology, Perlis, Malaysia) "Surface plasmon resonance studies of the aging effect on polyaniline ultra-thin film"
		14 ⁴⁵ -15 ⁰⁰	Yu.Piskunov (Insitute of Metal Physics, Ekaterinburg, Russia) "Hole distribution in Sr _{14-x} Ca _x Cu ₂₄ O ₄₁ (x=0, 12) ladders compounds: ⁶³ Cu and ¹⁷ O NMR study under pressure "
15 ⁰⁰ -15 ³⁰	H.-U. Habermeier (Max-Planck Institute for Solid State Research, Stuttgart, Germany) "Ferromagnetic LaSrMnO quantum dots prepared by pulsed laser detection"	15 ⁰⁰ -15 ¹⁵	V.G.Peschansky (Institute for Low Temperature Physics and Engineering, Kharkov, Ukraine) "Spin waves in layered conductors"
		15 ¹⁵ -15 ³⁰	V.V.Osipov (Insitute of Metal Physics, Ekaterinburg, Russia) "Spin injection and spin transport: the possibility of frequency tunanabled lasers and quantum amplifiers for 30GHz -3THz range on the base of contacts ferromagnet (F) -semiconductor n-InSb(S)"
15 ³⁰ -16 ⁰⁰	S.V.Demishev (General Physics Institute, Moscow, Russia) "Quantum criticality and collective effects in low dimensional magnet CuGeO ₃ :Fe probed by high-frequency EPR"	15 ³⁰ -15 ⁴⁵	A.Sidorenko (Institute of Applied Physics, Kishinev, Moldova) "Thermally acitvated flux flow in supercoducting MgB ₂ films"
		15 ⁴⁵ -16 ⁰⁰	B.Z.Rameev (Gebze Institute of Technology, Turkey) "FMR study of magnetic anisotropies in CrO ₂ films"
16 ⁰⁰ -16 ³⁰	COFFEE BREAK		
Session 17C Manganites and molecular magnets I (Lecture Hall 210)		Session 17D Layered Structures II (Lecture Hall 212)	
16 ³⁰ -17 ⁰⁰	A.Mukhin (General Physics Institute, Moscow, Russia) "Submillimeter spectroscopy of magnetic excitations in manganites"	16 ³⁰ -17 ⁰⁰	B.Aktas (Gebze Institute of Technology, Turkey) "Ferromagnetic resonance studies of magnetic nanostructures"
17 ⁰⁰ -17 ³⁰	A.K.Zvezdin (General Physics Institute, Moscow, Russia) "Field-induced phase transitions (FIPT) in molecular magnets"	17 ⁰⁰ -17 ³⁰	L.R.Tagirov (Kazan State University, Russia) "Huge magnetoresistance in magnetic nanocontacts"

17 ³⁰ -17 ⁴⁵	S.Verkhovskii (Institute of Metal Physics, Ekaterinburg, Russia) “ ¹⁷ O NMR studies of Mn spin correlations in the half-doped Pr _{0.5} Ca _{0.5} MnO ₃ ”	17 ³⁰ -18 ⁰⁰	M.G.Khusainov (Kazan State University, Russia) “Umklap processes and interface superconducting states in ferromagnet/superconductor nanostructures”
17 ⁴⁵ -18 ⁰⁰	S.E.Popov (Urals State University, Ekaterinburg, Kazan) “The competition of Coulomb and elastic interaction in the forming of charge-ordered phases in manganites”		
19 ⁰⁰ -21 ⁰⁰	POSTER SESSION		

18 August	PLENARY SESSION P18 (Lecture Hall 210)	
	9 ⁰⁰ -9 ⁴⁰	H.Keller (Physics Institute, University of Zurich, Switzerland) "Unconventional isotope effects in cuprate high-temperature superconductors"
	9 ⁴⁰ -10 ²⁰	Z.X. Shen (Stanford University, USA) "Extracting the bosonic spectral function in cuprate superconductors"
	10 ²⁰ -10 ⁵⁰	COFFEE BREAK
	10 ⁵⁰ -11 ³⁰	D.Mihailovic (Jozef Stefan Institute, Ljubljana, Slovenia) "Evidence for a universal length scale of dynamic charge inhomogeneity in cuprate superconductors"
	11 ³⁰ -12 ⁰⁰	V.V.Dmitriev (Kapitza Institute for Physical Problems, Moscow, Russia) "Nonlinear NMR in superfluid ³ He confined with low density aerogel "
	12 ⁰⁰ -12 ³⁰	H.Suzuki (Kanazawa University, Japan) "X-ray diffraction study of correlated electron system at low temperatures"
	12 ³⁰ -14 ⁰⁰	LUNCH
	14 ⁰⁰ -22 ⁰⁰	TRIP on VOLGA-RIVER BANQUET

19 August

PLENARY SESSION P19-1 AND TUTORIAL FOR YOUNG SCIENTISTS (Lecture Hall 210)

9 ⁰⁰ -9 ³⁰	G.Eska (Bayreuth University, Germany) “ <i>ac</i> Josephson effect in superfluid ³ He”		
9 ³⁰ -10 ⁰⁰	K.Kumagai (Hokkaido University, Japan) “NMR studies of molecular nanomagnets”		
10 ⁰⁰ -10 ³⁰	F.Dzheparov (Institute for Theoretical and Experimental Physics, Moscow, Russia) “Spin dynamics in disordered media”		
10 ³⁰ -11 ⁰⁰	COFFEE BREAK		
PLENARY SESSION P19-2 (Lecture Hall 210)			
11 ⁰⁰ -11 ³⁰	B.I.Kochelaev (Kazan State University, Russia) “Nanoscale properties of strongly correlated systems probed by the EPR”		
11 ³⁰ -12 ⁰⁰	H.Godfrin (CNRS-CRTBT, Grenoble, France) “Nuclear magnetism of two-dimensional solid ³ He”		
12 ⁰⁰ -12 ³⁰	D.A.Tayurskii (Kazan State University, Russia) “Mesoscopic effects in quantum liquids”		
12 ³⁰ -13 ⁰⁰			
13 ⁰⁰ -14 ³⁰	LUNCH		
Session 19A High Tc-Superconductivity and frustrated magnetism (Lecture Hall 210)		Session 19B Layered structures and clusters (Lecture Hall 212)	
14 ³⁰ -15 ⁰⁰	P.Mendels (University of Paris-Sud, France) (to be announced later)	14 ³⁰ -15 ⁰⁰	Yu.N.Proshin (Kazan State University, Russia) “Critical temperature hierarchy in the 4- and 5-layered ferromagnet-superconductor nanostructures”
15 ⁰⁰ -15 ³⁰	S.Reich (The Weizmann Institute of Science, Rehovot, Israel) “Superconducting properties of meso and nano particles of lead”	15 ⁰⁰ -15 ³⁰	V.Kataev (Leibniz Institute for Solid State and Materials Research IFW Dresden, Germany) “New exotic spin magnets probed by EPR”
15 ³⁰ -15 ⁴⁵	S.L.Tsarevskii (Kazan State University, Russia) “Peculiarities of pinning and microwave absorption hysteresis in thin superconducting films”	15 ³⁰ -15 ⁴⁵	H.Barentzen (Max-Planck Institute for Solid State Research, Stuttgart, Germany) “The $T \otimes t$ Jahn-Teller effect: an accurate solution to a difficult problem”
15 ⁴⁵ -16 ⁰⁰	A.L.Stepanov (Kazan Physics-Technical Insitute, Russia) “Synthesis and FMR study of new magnetic composites: nickel nanoparticles in magnesium fluoride”	15 ⁴⁵ -16 ⁰⁰	R.I.Khaibullin (Kazan Physics-Technical Insitute, Russia) “Magnetic percolation transition in polyethylene terephthalate implanted by iron ions with high fluences”
COFFEE BREAK			
Session 19C Manganites and molecular magnets II (Lecture Hall 210)		Session 19D (Lecture Hall 212)	
16 ³⁰ -17 ⁰⁰	A.Shames (Ben-Gurion University, Israel) “Electron magnetic resonance, <i>ac</i> susceptibility and neutron diffraction study of crystallographic structure and magnetic ordering in CaMn _{1-x} Ru _x O ₃ ($x \leq 0.40$) manganites”	16 ³⁰ -17 ⁰⁰	R-A.Eichel (Eduard-Zintl-Institute, Darmstadt University of Technology, Darmstadt, Germany) “Exploring the morphotropic phase boundary in iron(III)- and copper(II)-modified Pb[Zr _x Ti _{1-x}]O ₃ ceramics by multifrequency EPR”
17 ⁰⁰ -17 ¹⁵	V.A.Ivanshin (Kazan State University, Russia) “Crystal electric field excitations in the non-Fermi liquid compound YbRh ₂ Si ₂ ”	17 ⁰⁰ -17 ¹⁵	A.Pogudin (Insitute of Metal Physics, Ekaterinburg, Russia) “The Pb-Pb and O-Pb nuclear spin coupling in Ba(Pb,Bi)O ₃ oxides”
17 ¹⁵ -17 ³⁰	N.Kristoffel (University of Tartu, Estonia) “Cuprate gaps in a simple interband model”	17 ¹⁵ -17 ³⁰	S.Goren (Ben-Gurion University, Israel) (to be announced later)
Closing			
17 ³⁰ -18 ⁰⁰			