Sept., 10 ("Sosnovka")

9.00	Opening ceremony
9.15-9.45	M. Bowman " Flexible Trityl Biradicals:
	Energetics, Dynamics and Conformations "
9.45-10.15	H.J. Halpern " Imaging Molecular Oxygen in Living Animal Tumors: Technology to Reduce
	Confounding Variability"
10.15-10.45	Y. Kobori " Singlet-Fission-Born Quintet State: Sublevel Selections and Trapping by
	Multiexciton Thermodynamics "
10.45-11.15	(NSK) L. Kulik " Light-induced charge separation in organic photovoltaic materials from
	pulse EPR viewpoint "
11-15-11.30	COFFEE
11.30-12.10	V. Kataev " Sub-THz high-field ESR spectroscopy
	on spin-correlated and frustrated magnetic oxides "
12.10-12.40	S. Dzuba " Lipid-Mediated Clusters of Guest
	Molecules in Biological Membranes by Spin-Label EPR"
12.40-13.20	O. Tereshchenko " Spin and electronic structures of nonmagnetic crystals and
	heterostructures with strong spin-orbit interaction "
	LUNCH
15.00-15.40	K. Sato " Molecular Spin Technology based on Arbitrary Microwave Excitations for Quantum Control "
15.40-16.10	R. Tamura " Origin and Application of Unique Magnetic Properties of All-Organic Liquid
	Crystalline Compounds with a Particular
	Radical Structure"
16.10-16.30	COFFEE
16.30-17.00	E. Thiaudiere "Overhauser-enhanced MRI: a promising approach to proteolysis imaging"
17.00-17.20	O. Krumkacheva " EPR study of human ribosome complexes modeling ribonucleoproteins
	formed during biogenesis and translation "
17.20-17.40	V. Syryamina " Alamethicin-induced changes in the membrane structure: the stepwise
	channel formation links with lipid rearrangement "
17.40-18.00	M. Edeleva " Trityl-substituted alkoxyamines and monomers: application as NMP controllers
	and spin-labels "
18.30	Welcome mixer

Sept., 11 ("Sosnovka")

9.00-9.40	D. Abergel " A selective perspective of Dissolution DNP: from nonlinear dynamics at 1.2 K to
	enzyme kinetics in solution"
9.40-10.10	Y. Matsuki " DNP-enhanced MAS NMR Spectroscopy at 16.4 T and 30 K — Instrumentation and Applications "
10.10-10.30	O. Morozova " Kinetics of Protonation of Transient Neutral Guanine Radical in Neutral Aqueous Solution: Time-Resolved CIDNP Study "
10.30-10.50	D. Sosnovsky " Magnetic field and orientation dependence of solid-state CIDNP "
10.50-11.10	M. Mokeev " Solutions for High-End Research to Routine Analytical Tasks "
11.10-11.30	COFFEE
11.30-12.00	V. Shelkovnikov " Spin forbidden singlet-triplet electronic transition in the dyes photochemistry for optical memory application "
12.00-12.20	D. Burueva " Optimal Heterogeneous Catalyst Structure for NMR Signal Enhancement "
12.20-12.40	I. Skovpin " Heteronuclear SABRE: from signal enhancement to MRI application "
12.40-13.10	K. Ivanov " Singlet-state NMR experiments with pairs of nearly equivalent nuclear spins"
13.10-13.30	A. Kuzhelev "Room-Temperature RIDME Measurements using Orthogonal Spin LabelsTrityl/Nitroxide"
	LUNCH
	EONOT
15.00-15.40	HM. Vieth " Magnetic Field Cycling over Ultra-wide
13.00 13.10	Range for NMR Relaxation Dispersion and Hyperpolarization "
15.40-16.10	A. Yurkovskaya "Nuclear Magnetic Resonance
	Characterization of Short-lived Radical Intermediates "
16.10-16.30	COFFEE
16.30-17.00	M. Daynegowton II Cuin in Organica II
TO.30 T/.00	I M. Baumgarten Spin in Organics
17.00-17.20	M. Baumgarten " Spin in Organics " S. Anishchik " Magnetic field effects in the luminescence from X-irradiated diamonds "
17.00-17.20	S. Anishchik " Magnetic field effects in the luminescence from X-irradiated diamonds "
17.00-17.20	S. Anishchik " Magnetic field effects in the luminescence from X-irradiated diamonds " K. Sugisaki " Electronic Structures of Ferrocenium Ions with 1,3-Diazetidine-2,4-diimine Bridge: A Theoretical Study " E. Vavilova " Spin dynamics of the system with honeycomb lattice probed by NMR
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Sept., 12 NSU DAY (Akademgorodok, Pirogova St., 1)

9.00-9.30	T. Takui "Generalized g^{eff} - g^{true} relationships bridging between putative fictitious spin-1/2 and full spin Hamiltonian approaches: Conventional ESR spectral analyses of sizable ZFS tensors in such as picket fence Mn^{II} and 6^{th} ligand coordinated Fe^{III} porphyrins (S = 5/2) and a typical Co^{II} complex (S = 3/2)"
9.30-9.50	S. Veber "Switching of Single Ion Magnetism by Diamagnetic Dilution"
9.50-10.10	M. Ivanov "Room temperature ionic liquids microstructure revealed by EPR spectroscopy "
10.10-10.30	A. Sheveleva " NO ₂ adsorption in porous metal organic frameworks (MOFs) investigated by electron paramagnetic resonance "
10.30-10.50	T. Shamirzaev " Exciton spine dynamics in (In,Al)As/AlAs and GaAs/AlAs QWs "
10.50-11.20	M. Yulikov "Metal-Metal and Metal-Radical Magnetic Interactions revealed by RIDME spectroscopy"
11 20 11 10	COFFEE
11.20-11.40	NA Fodia !! Days magnetic rectal sites in NACE.
11.40-12.00	M. Fedin " Paramagnetic metal sites in MOFs studied by EPR: ode to dimers "
12.00-12.20	S. Yakushkin " ESR as a unique tool to study initial stages of ferrofluid synthesis "
12.20-12.40	A. Andreeva "Indirect mechanism of exchange interactions in polynuclear lanthanide complexes with dibenzoylmethanide and 4-hydroxy-2,1,3-benzothiadiazole"
12.40-13.00	N. Semenov " Design, synthesis, structural and functional characterization of novel paramagnetics based on 1,2,5-chalcogenadiazolidyls "
13.00-13.20	K. Vostrikova " Supramolecular design of heterospin systems "
	LUNCH (NSU)
15.00	COCIAL PROCEDANA
15.00-	SOCIAL PROGRAM
	- -
19.30	Dinner

Sept., 13 ("Sosnovka")

9.00-9.40	K. Salikhov "Electron spins in quantum computing and quantum informatics "
9.40-10.10	(MSK) L. Kulik " Spin transport in magnetized 2D electron system "
10.10-10.40	E. Fel'dman "Multiple quantum NMR dynamics and relaxation
	in one-dimensional systems "
10.40-11.20	G. Kothe "Generation of Multipartite Entanglement among a Large Number of Nuclear Spins
	in Hyperpolarized Molecular Solids "
11.20-11.40	COFFEE
11.40-12.10	S. Tarasenko "Si-vacancy spin qubits in silicon carbide "
12.10-12.40	A. Zinovieva "Strain-regulated electron localization in combined Ge/Si quantum dot
	structures "
12.40-13.00	A. Nenashev "Quantum logical operations on spin states in a continuous microwave field "
13.00-13.20	R. Eremina " Magnetic proximity effect in nanostructured CaCu ₃ Ti ₄ O ₁₂ -based composites "
	LUNCH
15.00-15.40	I. Koptyug " Nuclear spin isomers of molecules: production, properties, and potentialities "
15.40-16.10	J. Woodward "Microspectroscopy of flavin-based radical pairs"
16.10-16.30	N. Isaev " ESEEM observation and localization of bound deuterated substrate histidine-d5 in
46.00.46.50	spin labeled ABC transporter HisQMP ₂ "
16.30-16.50	COFFEE
16.50-17.10	S. Nakazawa " A room-temperature stable triplet carbene as a unit of a high-spin quantum
	computer, as studied by single-crystal ESR spectroscopy and quantum chemical
17 10 17 20	calculations"
17.10-17.30	N. Stepina " SiCN:Fe for spin injection " D. Luneau " The memories of the metal-nitroxyde bond "
17.30-18.00 18.00-18.30	S. Margue " Radical Probes (Nitroxides) and Pro-radical Probes (Alkoxyamines): From
18.00-18.30	Diagnostic to Theranostic "
18.30-19.00	I. Kirilyuk "Towards Bioreduction-Resistant Nitroxide"
10.30-13.00	1. KILLIYUK TOWATUS DIOTEUUCLIOII-NESISLATIL INILIOXIUE
19.30	GALA DINNER
15.50	O/LET DITTIELL

Sept., 14 ("Sosnovka")

9.00-9.30	K. Maeda "The pulse magnetic field and radio-wave effect on the radical pair dynamics in biologically related systems"
9.30-10.00	N. Leshina " Novel insight into the selectivity of chiral drugs - spin chemistry and photochemistry study of chiral linked systems "
10.00-10.30	V. Borovkov " Spin coherence effects in the radiation-induced fluorescence from conjugated polymers on a nanosecond timescale "
10.30-10.50	N. Lukzen " Effect of magnetic field on radical recombination on two-dimensional manifold "
10.50-11.20	M. Gafurov " Paramagnetic properties of atherosclerotic plaques and synthetic calcium phosphates to follow pathological calcification processes "
	prospriates to remain participation processes
11.20-11.40	COFFEE
11.40-12.20	S. Hill " Development of DNP-Enhanced NMR at High Magnetic Fields "
12.20-13.00	F. Tuna " Pulsed EPR Studies of Actinides and Lanthanides "
13.00-13.20	A. Gorodetskii " Overhauser-Enhanced Magnetic Resonance Imaging: simultaneous visualization of oxygen, pH and inorganic phosphate concentration "
13.20-13.40	A. Ageeva " Spin Selectivity of Electron Transfer in Chiral Linked Systems "
	LUNCH
15.00-15.30	V. Pavlov "Novel optical phenomena in magnetic semiconductors of europium chalcogenides "
15.30-16.00	E. Shornikova " Spin-dependent phenomena of neutral and charged excitons in colloidal nanocrystals "
16.00-16.30	S. Demishev " Electron spin resonance in strongly correlated topological insulator SmB ₆ "
16.30-16.50	COFFEE
16.50-17.20	I. Kokurin " Optical spectroscopy of acceptor complexes in GaAs/AlGaAs quantum wells "
17.20-17.40	D. Pokhabov "All-electric GaAs quantum point contact spin-polarizer "
17.40-18.20	P.K. Madhu "Sensing magnetic fields optically "
18.20	CLOSING CEREMONY
19.30	Dinner
19.50	Diffiel

Sept., 15

DEPARTURE