

ORAL TALKS
(in alphabetical order by a speaker)

Authors	Title
Ashkenazi J.	NANOSCALE INHOMOGENEITIES WITHIN THE REGIME OF A MOTT TRANSITION, AND THE PHYSICS OF THE HIGH- T_c CUPRATES
Barentzen H.	THE $T \otimes t$ JAHN - TELLER EFFECT: AN ACCURATE SOLUTION TO A DIFFICULT PROBLEM
Demishev S.V, A.V.Semeno, A.A.Pronin, N.E.Sluchanko, N.A.Samarin, H.Ohta, S.Okubo, M.Kimata, K.Koyama, M. Motokawa, A.V.Kuznetsov	QUANTUM CRITICALITY AND COLLECTIVE EFFECTS IN LOW DIMENSIONAL MAGNET CuGeO_3 :Fe PROBED BY HIGH FREQUENCY EPR
Eichel Rüdiger-A.	EXPLORING THE MORPHOTROPIC PHASE BOUNDARY IN IRON(III)- AND COPPER(II)-MODIFIED $\text{Pb}[\text{Zr}_x\text{Ti}_{1-x}]\text{O}_3$ CERAMICS BY MULTIFREQUENCY EPR
Eremin M., I. Eremin	POLARON EFFECTS IN THE EXTENDED HUBBARD MODEL: POSSIBLE ISOTOPE EFFECT ON THE RESONANCE PEAK FORMATION IN LAYERED CUPRATES
Fel'dman E. B.	NMR LINE SHAPE AND SPIN-LATTICE RELAXATION OF A GAS OF SPIN -1/2 CARRYING MOLECULES IN NANOCAVITIES
Habermeier H.-U., H. Zhang and G. Cristiani	FERROMAGNETIC LaSrMnO QUANTUM DOTS PREPARED BY PULSED LASER DEPOSITION
Ivanshin V.A., I.N.Kurkin, A.M. Leushin, L.K.Aminov	CRYSTAL ELECTRIC FIELD EXCITATIONS IN THE NON-FERMY LIQUID COMPOUND YbRh_2Si_2
Kabanov V.V., T. Mertelj, D. Mihailovič	MESOSCOPIC PHASE SEPARATION IN THE MODEL WITH COMPETING JAHN-TELLER AND COULOMB INTERACTION
Khaibullin R.I., C. Okay, B.Z. Rameev, M. Okutan, F. Yildiz, V.N. Popok, V.A. Zhikharev, B. Aktas, I.B. Khaibullin	MAGNETIC PERCOLATION TRANSITION IN POLYETHYLENE TEREPHTHALATE IMPLANTED BY IRON IONS WITH HIGH FLUENCES
Khaliullin G.	DENSITY RESPONSE AND PHONON RENORMALIZATION IN CUPRATES
Khusainov M., Yu. Proshin	UMKLAP PROCESSES AND INTERFACE SUPERCONDUCTING STATES IN FERROMAGNET/SUPERCONDUCTOR NANOSTRUCTURES
Kliava J., A.Malakhovskii, I. Edelman, A. Potseluyko, E. Petrakovskaja, I.Bruckental, Y.Yeshurun, T. Zarubina	UNUSUAL MAGNETIC PHASE TRANSITIONS IN Gd^{3+} CLUSTERS IN MULTICOMPONENT OXIDE GLASSES
Kristoffel N., P. Rubin	CUPRATE GAPS IN A SIMPLE INTERBAND MODEL
Liarokapis E., D. Palles, D. Lampakis, K.Conder, E. Kaldis, C. Panagopoulos	EFFECTS OF OVERDOPING IN $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ AND $\text{Y}_{1-y}\text{Ca}_y\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$
Matus P., H. Alloul, V. Brouet, P. M.	PROPERTIES OF THE TETRAHEDRAL ALKALI LINES IN $\text{Na}_2\text{CsC}_{60}$ BY NMR

Singer, G. Kriza, S. Garaj, L. Forró	
Mazov L.S.	NMR VS. RESISTIVITY MEASUREMENTS IN THE DOPED CUPRATES: THE NATURE OF FIELD-INDUCED ANTIFERROMAGNETIC ORDERING
Mikhailov F.A., S.Kazan, F.Yıldız, T.G.Mammadov, B.Aktaş	EPR INVESTIGATIONS OF THE PHASE TRANSITIONS AND LOCAL SYMMETRY CHANGES IN Fe³⁺ DOPED TiGaSe₂
Mikhalev K., S. Verkhovskii, A. Mirmelstein, S. Rebrin, K. Kumagai, Yu. Furukawa, T. Dyachkova	NMR STUDY OF THE INFINITE-LAYER ANTIFERROMAGNET SrCuO₂
Mikhin N., A. Polev, and E. Rudavskii	PECULIARITIES OF SPIN-SPIN AND SPIN-LATTICE NUCLEAR RELAXATION IN SOLID ³He CLUSTERS AT SUPERLOW TEMPERATURES
Mishra V., Kripal R.	ESR AND OPTICAL STUDY OF Mn²⁺ DOPED POTASIUUM HYDROGEN SULPHATE
Osipov V.V., N.A.Viglin	SPIN INJECTION AND SPIN TRANSPORT: THE POSSIBILITY OF FREQUENCY TUNABLE LASERS AND QUANTUM AMPLIFIERS FOR 30 GHz - 3 THz RANGE ON THE BASE OF CONTACTS FERROMAGNET (F) - SEMICONDUCTOR n-InSb (S)
Peschansky V. G., D. I. Stepanenko	SPIN WAVES IN LAYERED CONDUCTORS
Piskunov Yu., D.Jérome, P.Auban-Senzier, P.Wzietek	HOLE DISTRIBUTION IN Sr_{14-x}Ca_xCu₂₄O₄₁ (x=0, 12) LADDER COMPOUNDS: ⁶³Cu AND ¹⁷O NMR STUDY UNDER PRESSURE
Pogudin A., Yu.Piskunov, V.Ogloblichev, S.Verkhovskii, A.Yakubovsky, A.Trokiner	THE Pb-Pb AND O-Pb NUCLEAR SPIN COUPLING IN Ba(Pb,Bi)O₃ OXIDES
Popov S.E.,A.E.Nikiforov, S.V. Kotomanov	THE COMPETITION OF COULOMB AND ELASTIC INTERACTION IN THE FORMING OF CHARGE-ORDERED PHASES IN MANGANITES
Rameev B.Z. , F. Yıldız, A. Gupta, L.R. Tagirov, B. Aktaş	FMR STUDY OF MAGNETIC ANISOTROPIES IN CrO₂ THIN FILMS
Rao S.S., G. Venkataiah, Venu Gopala Reddy, S.V.Bhat	ELECTRON MAGNETIC RESONANCE STUDIES OF NANOMANGANITE Nd_{0.67} Sr_{0.33} MnO₃
Savin A.M., J.T. Flyktman, F. Giazotto, J.P. Pekola	ELECTRON COOLING AND CONTROL OF JOSEPHSON CURRENT AT SUB KELVIN TEMPERATURES
Schneider T.	GRANULAR SUPERCONDUCTIVITY IN THE CUPRATES EVINCED BY FINITE SIZE EFFECTS IN THE SPECIFIC HEAT AND LONDON PENETRATION DEPTHS
Semenov A.V., S.V Demishev, A.A.Pronin, N.E.Sluchanko, N.A.Samarin, H.Ohta, S.Okubo, M.Kimata	HIGH FREQUENCY EPR STUDY OF Co DOPED CuGeO₃
Shames A. I., E. Rozenberg, C. Martin, A. Maignan, B. Raveau, G. André, G. Gorodetsky	ELECTRON MAGNETIC RESONANCE, AC SUSCEPTIBILITY AND NEUTRON DIFFRACTION STUDY OF CRYSTALLOGRAPHIC STRUCTURE AND MAGNETIC ORDERING IN CaMn_{1-x}Ru_xO₃ (x ≤ 0.40) MANGANITES
Sharma A., S. V. Bhat	ELECTRON PARAMAGNETIC RESONANCE STUDIES OF CHARGE ORDERING IN Ca_{1-x}Ce_xMnO₃ (0.1 ≤ x ≤ 0.2) RARE EARTH OXIDES

Stepanov A.L., B.Z Rameev, R.I. Khaibullin, A. Reinholdt, U. Kreibig	SYNTHESIS AND FMR STUDY OF NEW MAGNETIC COMPOSITES: NICKEL NANOPARTICLES IN MAGNESIUM FLUORIDE
Suleimanov N.M., P.N. Togulev, V.V. Bazarov	MAGNETIC PINNING ON NANOSCALED FERROMAGNETIC PARTICLES IN CUPRATES AND MgB₂ STUDIED BY MAGNETICALLY MODULATED MICROWAVE ABSORPTION TECHNIQUE
Svistov L.E., A.I.Smirnov, L.A. Prozorova, O.A. Petrenko, L.N. Demianets, A.Ya. Shapiro	QUASI TWO-DIMENSIONAL ANTIFERROMAGNET ON A DISTORTED TRIANGULAR LATTICE KFe(MoO₄)₂
Tagirov L.R. , B.P. Vodopyanov, K.B. Efetov	HUGE MAGNETORESISTANCE IN MAGNETIC NANOCONTACTS
Tsarevskii S.L., T.S. Shaposhnikova, Yu.I.Talanov	PECULIARITIES OF PINNING AND MICROWAVE ABSORPTION HYSTERESIS IN THIN SUPERCONDUCTING FILMS
Vakula V.L., V.N. Samovarov, G.G. Sergeeva	OPTICAL EVIDENCE FOR THE EXISTENCE OF A STRIPE STRUCTURE IN THE NORMAL AND SUPERCONDUCTING PHASES OF YBa₂Cu₃O_{6+x}
van Loosdrecht P.H.M., D. Fausti, S. Klimin, M.N.Popova, L.N. Bezmaternykh	PHASE TRANSITIONS AND MAGNETIC EXCITATIONS IN RFe₃(BO₃)₄
Verkhovskii S., A. Trokiner, A. Yakubovsky, A. Gerashenko, D. Khomskii, K. Kumagai, Y. Furukawa	¹⁷O NMR STUDIES OF Mn SPIN CORRELATIONS IN THE HALF-DOPED Pr_{0.5}Ca_{0.5}MnO₃ MANGANITE
Wahab M.R.A., M.Din, W.M.M.Yunus, Z.A.Hasan, A.Kasim	SURFACE PLASMON RESONANCE STUDIES OF THE AGING EFFECT ON POLYANILINE ULTRA-THIN FILM