

THURSDAY, JULY 31, 2003						
Time	Session title	Author name	Init.	TITLE	Session number	LOCATION
09:00AM-11:00AM	4-SY -Symposium:- Biomagnetics/ Medical Applications - Chair: S. Ueno	UENO	S.	Biomagnetics/ Medical Applications	4-SY1	PLENARY HALL
09:00AM-11:00AM		MATSUNAGA	T.	Biomagnetic mineralization: from gene structures to medical applications.	4-SY2	PLENARY HALL
09:00AM-11:00AM		MAYES	E.	BIOLOGICAL DERIVED NANOMAGNETS	4-SY3	PLENARY HALL
09:00AM-11:00AM		WIRIX-SPEETJENS	R.	ON-CHIP MAGNETIC PARTICLE MANIPULATION AND DETECTION FOR BIOCHIP APPLICATIONS	4-SY4	PLENARY HALL
09:00AM-09:30AM	4-B-SCES III - Phase separation and quantum fluctuations - Chair: J. Lorenzana; G.G. Lonzarich	MURAKAMI	Y.	Resonant elastic and inelastic X-Ray Scattering from orbitally ordered systems	4B1	AULA MAGNA
09:30AM-09:45AM		Loudon	J.C.	DIRECT EVIDENCE OF PHASE COEXISTENCE IN La _{0.5} Ca _{0.5} MnO ₃	4B2	AULA MAGNA
09:45AM-10:15AM		DAGOTTO	E.	NANOSCALE PHASE SEPARATION AND COLOSSAL MAGNETORESISTANCE	4B3	AULA MAGNA
10:15AM-10:30AM		Pruschke	Th.	ITINERANT FERROMAGNETISM, PHASE SEPARATION AND FIRST ORDER PARAMAGNETIC METAL TO ANTIFERROMAGNETIC INSULATOR TRANSITIONS - NOVEL INSIGHTS TO THE FRUSTRATED HUBBARD MODEL	4B4	AULA MAGNA
10:30AM-10:45AM		Von Loehneysen	H.	Thermal expansion of CeCu _{6-x} Au _x	4B5	AULA MAGNA
10:45AM-11:00AM		Takigawa	M.	SPIN SUPERSTRUCTURE IN THE 1/8-MAGNETIZATION PLATEAU PHASE OF THE 2D ORTHOGONAL DIMER SPIN SYSTEM SrCu ₂ (BO ₃) ₂	4B6	AULA MAGNA
09:00AM-09:30AM	4-C-Organic and molecular magnets II - Chair: T. Goto; A. Keren	WERNSDORFER	W.	QUANTUM DYNAMICS OF EXCHANGE BIASED SINGLE MOLECULE MAGNETS	4C1	AULA LEONARDO
09:30AM-10:00AM		LASCIALFARI	A.	Spin dynamics at level crossings in molecular AF rings probed by NMR	4C2	AULA LEONARDO
10:00AM-10:15AM		Palacio	F.	MAGNETIC PROPERTIES AND SPIN-DENSITY DISTRIBUTION IN A NEW S-BASED ORGANIC FERROMAGNET	4C3	AULA LEONARDO
10:15AM-10:30AM		Arcon	D.	BELT-LIKE C 60- ELECTRON SPIN DENSITY DISTRIBUTION IN THE ORGANIC FERROMAGNETIC TDAE-C 60	4C4	AULA LEONARDO
10:30AM-10:45AM		Affronte	M.	LEVEL CROSSING IN A MOLECULAR Cr ₈ RING	4C5	AULA LEONARDO
10:45AM-11:00AM		Nakamura	T.	MAGNETIC SOLIDS OF [Ni(dmit) ₂]- WITH CATIONS HAVING ROTATIONAL DEGREE OF FREEDOM	4C6	AULA LEONARDO
10:00AM-10:15AM	4-D-Advanced resonance and spectroscopy techniques - Chair: J.C. Seamus David ; A. Rigamonti	Tarapov	S.I.	METHODS AND INSTALLATION OF EXTRA HIGH - FREQUENCY ESR-EXPERIMENT AT VERY LOW TEMPERATURES	4D3	AULA GALILEO
10:15AM-10:30AM		Kohara	T.	NMR STUDY OF PHASE TRANSITIONS IN Lu ₅ Ir ₄ Si ₁₀	4D4	AULA GALILEO
09:30AM-10:00AM		VOLLMER	R.	SPIN-POLARIZED ELECTRON ENERGY LOSS SPECTROSCOPY: A METHOD TO MEASURE MAGNON ENERGIES	4D2	AULA GALILEO
09:00AM-09:30AM		TEJADA	J.	Resonant experiments in magnetism	4D1	AULA GALILEO

10:30AM-10:45AM	4-D	Ioffe	A.	NEUTRON SPEED ECHO ADD-ON TO TAS: AN INCREASE IN RESOLUTION WITHOUT THE USE OF POLARIZED NEUTRONS	4D5	AULA GALILEO
10:45AM-11:00AM		Shevchenko	M.B.	Application of Low Energy Electrons to the Study of Magnetic Phase Transition	4D6	AULA GALILEO
11:00AM-12:30AM	4-pam-Magnetic semiconductors I - Chair: F. VINAI, M. Ghidini	SATO	K.	EXCHANGE INTERACTIONS AND CURIE TEMPERATURES IN DILUTED MAGNETIC SEMICONDUCTORS	4-Pam01	E
11:00AM-12:30AM		IVANOV	V.A.	On the nature of ferromagnetism in dilute magnetic semiconductors: GaN:Mn, GaAs:Mn, GaP:Mn	4-Pam03	E
11:00AM-12:30AM		Colis	S.	CORRELATION BETWEEN MAGNETIC PROPERTIES AND NMR OBSERVATIONS IN Sr ₂ FeMoO ₆ DOUBLE PEROVSKITE	4-Pam04	E
11:00AM-12:30AM		Aplesnin	S. S.	SPIN, CHARGE ORDERING AND SPIN DEPENDENT TRANSPORT IN THE ALPHA - MnS SINGLE CRYSTAL.	4-Pam05	E
11:00AM-12:30AM		Demin	R.	INFLUENCE GIANT VOLUME MAGNETOSTRICTION ON MAGNETOCALORIC EFFECT IN MANGANITES	4-Pam06	E
11:00AM-12:30AM		Koroleva	L. I.	GIANT VOLUME MAGNETOSTRICTION IN MANGANITES	4-Pam07	E
11:00AM-12:30AM		DEDERICHS	P.H.	Half-Metallic Zinc-Blende Compounds	4-Pam08	E
11:00AM-12:30AM		Takahashi	M.	Mechanism of carrier-induced ferromagnetism of diluted magnetic semiconductors	4-Pam09	E
11:00AM-12:30AM		Honda	S	EXTRAORDINARY HALL EFFECT IN Co IMPLANTED GaAs HYBRID MAGNETIC SEMICONDUCTORS	4-Pam10	E
11:00AM-12:30AM		Turek	I.	Residual resistivity in (Ga,Mn)As alloys	4-Pam11	E
11:00AM-12:30AM		Sandratskii	L. M.	ELECTRONIC STRUCTURE, EXCHANGE INTERACTIONS AND CURIE TEMPERATURE INDILUTED III-V AND II-VI SEMICONDUCTORS.	4-Pam12	E
11:00AM-12:30AM		Ohishi	Y.	Mechanism of enhanced ferromagnetism in delta-doped (Ga,Mn)As studied by ab initio electronic structure calculation	4-Pam13	E
11:00AM-12:30AM		Rhyne	J.J.	Magnetization Profile in GaMnAs	4-Pam14	E
11:00AM-12:30AM		Kulbachinskii	V.A.	THERMOELECTRIC POWER AND SHUBNIKOV-DE HAAS EFFECT IN MAGNETIC IMPURITY DOPED Bi ₂ Te ₃ AND Bi ₂ Se ₃ .	4-Pam15	E
11:00AM-12:30AM		Kennett	M P	Disorder and frustration effects on ferromagnetism in diluted, magnetic semiconductors	4-Pam16	E
11:00AM-12:30AM		Kudrnovsky	J.	Curie temperatures and exchange interactions in diluted group-IV magnetic semiconductors	4-Pam17	E
11:00AM-12:30AM		Malfait	M.	Influence of Low Temperature Annealing on the Halleffect and magnetic properties of Ga _{1-x} MnxAs	4-Pam18	E
11:00AM-12:30AM		Saifullaeva	Dilaran	New magnetic semiconductors containing Cu, Cr, Co and Sb.	4-Pam19	E
11:00AM-12:30AM		LEE	J.Y.	Ferromagnetism of Anatase CoxTi _{1-x} O ₂ Thin Films on Si (100) at Room Temperature	4-Pam20	E
11:00AM-12:30AM		Prati	E.	Microwave propagation in gyroelectromagnetic semiconductor materials	4-Pam21	E

11:00AM-12:30AM	4-pam-Magnetic semiconductors I - Chair: F. VINAI; M. Ghidini	Ahn	J. Y.	MAGNETO-OPTICAL PROPERTIES OF DILUTED MAGNETIC SEMICONDUCTOR CdMnFeTe FILMS	4-Pam22	E	
11:00AM-12:30AM		Ando	K.	MAGNETO-OPTICAL STUDY OF SPIN-CARRIER INTERACTIONS IN (In,Mn)As	4-Pam23	E	
11:00AM-12:30AM		D'Orazio	F.	TOWARD ROOM TEMPERATURE FERROMAGNETISM OF Ge:Mn SYSTEMS	4-Pam24	E	
11:00AM-12:30AM		Han	S.-J.	Magnetic properties of Zn 1-x Co x O system	4-Pam25	E	
11:00AM-12:30AM		Fujii	T.	PREPARATION AND CHARACTERIZATION OF EPITAXIAL FeTiO ₃ FILMS	4-Pam26	E	
11:00AM-12:30AM		Fukuma	Y.	Influence of carrier concentration on magnetic phase transition in GeMnTe	4-Pam27	E	
11:00AM-12:30AM		Kennett	Malcol	Effect of exchange anisotropy and disorder in dilute Heisenberg spin models	4-Pam28	E	
11:00AM-12:30AM		Wierzbowska	M	Understanding the ferromagnetism in wide-gap diluted magnetic semiconductors	4-Pam29	E	
11:00AM-12:30AM		Hellman	F.	ANOMALOUS MAGNETIC MOMENTS IN ENORMOUS NEGATIVE MAGNETORESISTANCE AMORPHOUS RARE EARTH-DOPED SILICON ALLOYS	4-Pam30	E	
11:00AM-12:30AM		Park	Y.	New ferromagnetic semi-conductor MnGeP ₂ : Structural and magnetic properties	4-Pam31	E	
11:00AM-12:30AM		Oiwa	A.	FORMATION OF QUANTIZED STATES AND SPIN DYNAMICS IN III-V-BASED FERROMAGNETIC QUANTUM WELLS	4-Pam32	E	
11:00AM-12:30AM		4-qam-Artificially structured materials II - Chair: F. VINAI	ESTOURNES	C.	MILD SYNTHESIS OF CoFe ₂ O ₄ NANOWIRES USING CARBON NANOTUBE TEMPLATE	4-Qam01	G
11:00AM-12:30AM			Glenis	S.	MAGNETIC PROPERTIES OF MULTIWALL CARBON NANOTUBES.	4-Qam02	G
11:00AM-12:30AM	Kiselev		M.N.	NONEQUILIBRIUM KONDO EFFECT IN DOUBLE QUANTUM DOT	4-Qam03	G	
11:00AM-12:30AM	Zakharova		I. B.	PHOTOINDUCED MAGNETIC CHANGES IN C60 FILMS	4-Qam04	G	
11:00AM-12:30AM	Yao		Y. D.	Magnetic Studies in Octagon-patterned Permalloy Submicro-wires	4-Qam05	G	
11:00AM-12:30AM	Shibata		J	DYNAMICS OF NANO-SCALE MAGNETIC VORTICES IN FERROMAGNETIC DOT ARRAYS	4-Qam06	G	
11:00AM-12:30AM	Ederer		C.	X-ray magnetic circular dichroism in low-dimensional systems	4-Qam07	G	
11:00AM-12:30AM	SINNECKER		E.H.C.	INFLUENCE OF DEFECT ON THE MAGNETIZATION REVERSAL IN A CHAIN OF DIPOLAR INTERACTING MICROWIRES	4-qam08	G	
11:00AM-12:30AM	Ikezawa		Y.	PREPARATION OF TWO-DIMENSIONAL MAGNETOPHOTONIC CRYSTALS OF BISMUS SUBSTITUTED YTTRIUM IRON GARNET MATERIALS	4-Qam09	G	
11:00AM-12:30AM	Steiauf		D.	AB-INITIO INVESTIGATION OF THE DAMPING OF THE ULTRAFAST SPIN DYNAMICS IN LOW-DIMENSIONAL MAGNETS	4-Qam10	G	
11:00AM-12:30AM	Krompiewski		S.	NON-EQUILIBRIUM TRANSPORT IN FERROMAGNETICALLY CONTACTED METALLIC CARBON NANOTUBES.	4-Qam13	G	
11:00AM-12:30AM	Yang		T.J.	Ab initio calculated electronic structure and magnetism of iron nanowires	4-Qam15	G	

11:00AM-12:30AM	4-qam-Artificially structured materials II - Chair: F. VNAI	Kishi	T.	SPIN-DEPENDENT TRANSPORT THROUGH Fe NANOWIRES ON Cu SURFACES	4-Qam16	G
11:00AM-12:30AM		Reuter	D.	Hall-Magnetometry on Co, Fe, and Py nanowires	4-Qam17	G
11:00AM-12:30AM		Sorop	T. G.	Study of the magnetization reversal in arrays of ferromagnetic Ni and Fe nanowires as a function of the template filling fraction	4-Qam18	G
11:00AM-12:30AM		Lazarovits	B.	Magnetic properties of finite iron wires on Cu(111)	4-Qam19	G
11:00AM-12:30AM		Dumpich	G.	WEAK ELECTRON LOCALIZATION VERSUS ELECTRON-ELECTRON INTERACTION IN SINGLE Co-NANOWIRES	4-Qam20	G
11:00AM-12:30AM		Tatara	G.T.	MULTIBIT OPERATION IN A QUANTUM LOGIC GATE OF A SMALL RING WITH QUANTUM DOTS	4-Qam21	G
11:00AM-12:30AM		Tsai	Jai-Lin	MAGNETIC PROPERTIES AND MAGNETORESISTANCE OF PATTERNED Fe ₄ O ₄ FILMS	4-Qam22	G
11:00AM-12:30AM		Kato	S.	Magnetic properties of Ni nanowires in porous alumina arrays	4-Qam23	G
11:00AM-12:30AM		Qu	F	EFFECTS OF NANOCRYSTAL SHAPE ON THE SURFACE CHARGE DENSITY OF IONIC COLLOIDAL NANOPARTICLES	4-Qam24	G
11:00AM-12:30AM		Foglia	S.	SYNTHESIS AND MAGNETIC PROPERTIES OF IRON OXIDE BASED TUBES AND WIRES	4-Qam25	G
11:00AM-12:30AM		Antos		MAGNETO-OPTICAL SPECTROSCOPY ON PERMALLOY WIRES IN 0TH AND 1ST DIFFRACTION ORDERS	4-Qam26	G
11:00AM-12:30AM		Nguyen	T.M.	A MICROSCOPIC THEORY OF THE DIPOLE-EXCHANGE SPIN WAVES IN FERROMAGNETIC NANOWIRES	4-Qam27	G
11:00AM-12:30AM		Lee	S.F.	Anomalous magnetization behavior of micron size Permalloy elongate-octagon-in-series wire	4-Qam28	G
11:00AM-12:30AM		Vaz	C.A.F.	OBSERVATION OF A GEOMETRICALLY CONSTRAINED DOMAIN-WALL IN EPITAXIAL fcc Co SMALL DISKS	4-Qam29	G
11:00AM-12:30AM		Vila	L.	VORTICES NUCLEATION AND ANIHILATION IN MAGNETIC NANOWIRES	4-Qam30	G
11:00AM-12:30AM		Estournès	C.	HIGH COERCIVITY AT ROOM TEMPERATURE FOR COBALT NANORODS EMBEDDED IN SILICA MATRIX.	4-Qam31	G
11:00AM-12:30AM		Chiriac	H.	PREPARATION AND MAGNETIC PROPERTIES OF AMORPHOUS NiP AND CoP NANOWIRE ARRAYS	4-Qam33	G
11:00AM-12:30AM		Madurga	V.	MAGNETIC DOMAIN STRUCTURES AND NANO-STRING MORPHOLOGY OF LASER ABLATED OFF-NORMAL DEPOSITED AMORPHOUS COBALT FILMS WITH CONTROLLED MAGNETIC ANISOTROPY	4-Qam34	G
11:00AM-12:30AM		Mühl	T.	Magnetic properties of aligned ferromagnetically filled carbon nanotubes	4-Qam35	G
11:00AM-12:30AM		Yalcin	O.	FERROMAGNETIC RESONANCE STUDIES ON DIPOLAR INTERACTION Co-NANOWIRES ARRAYS	4-Qam36	G
11:00AM-12:30AM	Kashyap	A.	Micromagnetics of Interacting Nanodots	4-Qam38	G	
11:00AM-12:30AM	Sellier	G.	Quantum Dots as Spin Filters and Diodes	4-Qam39	G	

11:00AM-12:30AM	4-qam	Ramos	C. A.	FMR CHARACTERIZATION OF HEXAGONAL ARRAYS OF Ni NANOWIRES	4-Qam40	G
11:00AM-12:30AM	4-ram-Amorphous and nanocrystalline materials I - Chair: F. VINAI; V. Basso	HERNANDO	B.	Effect of the wire length on the torsion impedance in Fe-rich wires	4-Ram01	J
11:00AM-12:30AM		ALVES	F.A.	MECHANICAL PROPERTIES OF FLASH STRESS ANNEALED FESIBCUNB ALLOYS	4-Ram02	J
11:00AM-12:30AM		Gutowski	M.W.	NOVEL SURFACE ANISOTROPY TERM IN THE FMR SPECTRAOF AMORPHOUS WIRES	4-Ram03	J
11:00AM-12:30AM		Valencia-Serna	V.	STRUCTURAL AND MAGNETIC PROPERTIES, AND MAGNETIC DOMAIN STRUCTURES IN SOFT MAGNETIC RIBBON	4-Ram04	J
11:00AM-12:30AM		Zakharenko	M.I.	LOCALIZED MAGNETIC MOMENTS OF Fe-Cr-B METALLIC GLASSES	4-Ram05	J
11:00AM-12:30AM		Jiraskova	Y.	Changes in Fe-B amorphous alloys driven by nitrogen implantation.	4-Ram06	J
11:00AM-12:30AM		MOUSSAOUI	D.	A NEW ANALYTICAL APPROACH FOR THE INDUCTION AND FREQUENCY DEPENDENCE OF POWER LOSSES UNDER ROTATING FIELD IN SOFT MAGNETIC MATERIALS	4-Ram07	J
11:00AM-12:30AM		Dokukin	M.E.	STRUCTURAL RELAXATION OF AMORPHOUS METALLIC ALLOYS.	4-Ram08	J
11:00AM-12:30AM		López	M.	INFLUENCE OF OF Co ADDITIONS ON STRUCTURAL AND MAGNETIC PROPERTIES OF Fe77-xCoxAl2.14Ga0.86P8.4Si4C5B4 ALLOYS.	4-Ram09	J
11:00AM-12:30AM		Stoleriu	L.	MICROMAGNETIC MODEL FOR MAGNETISATION PROCESSES OF AMORPHOUS ALLOYS	4-Ram10	J
11:00AM-12:30AM		Adenot	A.L.	magneto elastic anisotropy of ferromagnetic glass coated microwires	4-Ram11	J
11:00AM-12:30AM		Bienkowski	A.	THE INFLUENCE OF THE THERMOMAGNETIC HEAT TREATMENT ON MAGNETOELASTIC PROPERTIES OF Fe40Ni38Mo4B18 ALLOY IN AMORPHOUS STATE	4-Ram12	J
11:00AM-12:30AM		Dokukin	M.E.	STRUCTURAL RELAXATION OF AMORPHOUS METALLIC ALLOYS AT LOW TEMPERATURE	4-Ram13	J
11:00AM-12:30AM		ZAK	T.	STRUCTURE AND PHASE ANALYSIS OF THE ELECTROCHEMICALLY SYNTHESIZED Fe ₇₇ W	4-Ram14	J
11:00AM-12:30AM		Congiu	F.	INVESTIGATION OF THE FERROMAGNETIC ORDER IN CRYSTALLINE AND AMORPHOUS FE2ZR ALLOYS	4-Ram15	J
11:00AM-12:30AM		Zaichenko	S.G.	CALCULATION OF QUENCHING STRESS LEVEL IN AMORPHOUS ALLOY RIBBONS FROM THE DATA ON MAGNETIC STRUCTURE	4-Ram16	J
11:00AM-12:30AM		Rheem	Y. W.	Axial and circumferential components of magnetization on Co-based amorphous wires	4-Ram17	J
11:00AM-12:30AM		Coisson	M.	HIGH-FREQUENCY MAGNETOTRANSPORT PROPERTIES IN Co83.2Mn7.6Si5.9B3.3 GLASS-COVERED AMORPHOUS	4-Ram18	J
11:00AM-12:30AM		Muñiz	P.	INFLUENCE OF THE QUENCHED-IN NUCLEI ON THE CRYSTALLISATION OF AMORPHOUS Ni80B20	4-Ram19	J
11:00AM-12:30AM		Marín	P.	INFLUENCE OF MECHANICAL GRINDING ON THE STRUCTURE AND MAGNETIC PROPERTIES OF FeCuNbSiB MATERIAL	4-Ram20	J

11:00AM-12:30AM	4-ram-Amorphous and nanocrystalline materials I - Chair: F. VINAI; V. Basso	LEISTE	H.	REALIZATION OF R.F. - INDUCTORS WITH MAGNETIC CORES FOR HIGH QUALITY FACTOR APPLICATIONS	4-Ram21	J
11:00AM-12:30AM		Lupu	N.	NANOCCLUSERS - CRITICAL THICKNESS - MAGNETIC PROPERTIES RELATIONSHIP IN Nd90-xFexAl10 AMORPHOUS RIBBONS	4-Ram22	J
11:00AM-12:30AM		Ausanio	G.	EXAFS STUDIES OF STRUCTURAL THERMAL EVOLUTION IN NEW FERROMAGNETIC AMORPHOUS ALLOY.	4-Ram23	J
11:00AM-12:30AM		Grabias	A.	SOFT MAGNETIC PROPERTIES OF THE AMORPHOUS Fe63Ni7Zr10B20 AND Fe53Ni7Co10Zr10B20 ALLOYS	4-Ram24	J
11:00AM-12:30AM		Rosales-Rivera	A.	STRUCTURAL AND MAGNETIC PROPERTIES, AND MAGNETIC DOMAIN STRUCTURE IN ULTRASOFT FeCrNbCuSiB MAGNETIC ALLOYS	4-Ram25	J
11:00AM-12:30AM		GICH	M.	ULTRALIGHT TRANSPARENT MAGNETS	4-Ram26	J
11:00AM-12:30AM	4-sam-Low dimensionality, disorder and correlation in quantum systems I - Chair: F. VINAI; M. Ghidini	Capriotti	L.	Zero Temperature Phase Diagram of an Asymmetric Spin Ladder	4-Sam01	B
11:00AM-12:30AM		OHSUGI	S.	Observation of Field-Induced Long-Range Order in Disordered Sr14Cu24O41	4-Sam03	B
11:00AM-12:30AM		Aplesnin	S.S.	FORMATION OF THE STRIPE PHASE IN THE TWO-DIMENSIONAL ANTIFERROMAGNET BY ACOUSTIC PHONONS	4-Sam04	B
11:00AM-12:30AM		Oosawa	A.	Neutron Scattering Study of the Pressure-Induced Magnetic Ordering in the Spin Gap System TICuCl3	4-Sam05	B
11:00AM-12:30AM		Itoh	S.	MAGNETIC EXCITATIONS IN HALOGEN BRIDGED NICKEL COMPLEX, [NiBr(chxn)2]Br2	4-Sam06	B
11:00AM-12:30AM		Zorko	A.	X-BAND ESR STUDY OF 2D SPIN-GAP SYSTEM SrCu2(BO3)2	4-Sam07	B
11:00AM-12:30AM		Sanchez	A.	THERMAL TRANSPORT PROPERTIES OF THE ONE-DIMENSIONAL S = 1/2 ANTIFERROMAGNET Yb4(As {1-x} P x)3 (x = 0 and 0.3)	4-Sam09	B
11:00AM-12:30AM		Suzuki	M.-T.	ELECTRONIC STRUCTURES AND CDW OF TRANSITION METAL DICHALCOGENIDES	4-Sam10	B
11:00AM-12:30AM		Miyashita	S.	Magnetic Properties of the One-Dimensional Spin-Orbital Model	4-Sam11	B
11:00AM-12:30AM		Ghosh	Dipan	A variational Monte Carlo study of a spin onequantum antiferromagnet on a Sierpinski gasket	4-Sam12	B
11:00AM-12:30AM		Konstantinovic	M. J.	ORBITAL DIMERIZATION IN NaTiSi2O6. AN ORBITAL ANALOGUE OF THE SPIN-PEIERLS PHASE TRANSITION.	4-Sam13	B
11:00AM-12:30AM		Caciuffo	R.	MAGNETIC ORDER IN A S=1/2 FRUSTRATED ANTIFERROMAGNET ON A SQUARE LATTICE	4-Sam14	B
11:00AM-12:30AM		Inagaki	Y	Direct determination of magnetic anisotropy in S=1 bond alternating system by high field ESR	4-Sam15	B
11:00AM-12:30AM		Orignac	E.	Phase diagram of a quarter filled ladder	4-Sam16	B
11:00AM-12:30AM		Arriortua	Maribe	MAGNETIC PROPERTIES OF Co2-XCuX(OH)PO4 (x= 0, 0.5 and 2)	4-Sam17	B
11:00AM-12:30AM		Takahashi	Y.	MAGNETIC ENTROPY AND SPECIFIC HEAT OF WEAK ITINERANT ELECTRON FERROMAGNETS.	4-Sam18	B

11:00AM-12:30AM	4-sam-Low dimensionality, disorder and correlation in quantum systems I - Chair: F. VINAI; M. Ghidini	Takahashi	K.	Optical evidence of a pseudogap in the ferromagnetic metallic state of the bilayered manganite	4-Sam19	B
11:00AM-12:30AM		Ito	Y.	Wigner rod state in a quasi-two-dimensional electron gas	4-Sam20	B
11:00AM-12:30AM		Schmidt	B.	CHAIN SEGMENTATION AND THE ORIGIN OF MAGNETIC MOMENTS IN QUASI ONE-DIMENSIONAL $Ba_2V_3O_9$	4-Sam21	B
11:00AM-12:30AM		Miclea	C. F.	INTERPLAY BETWEEN SUPERCONDUCTIVITY AND CHARGE DENSITY WAVE INSTABILITY IN $Ti_xV_6S_8$ and InV_6S_8 ?	4-Sam23	B
11:00AM-12:30AM		Klimov	K.	Thermal conductivity and thermal expansion of $Na_0.33V_2O_5$	4-Sam24	B
11:00AM-12:30AM		Okubo	T.	FERMI SURFACES OF A FERROMAGNET $CeRh_3B_2$ AND ITS REFERENCE COMPOUND $LaRh_3B_2$	4-Sam25	B
11:00AM-12:30AM		Yamanaka	M.	INDEX THEOREM FOR MULTI-COMPONENT FERMION SYSTEMS	4-Sam27	B
11:00AM-12:30AM		Yashima	M.	IN-NQR STUDY OF THE HEAVY FERMION SUPERCONDUCTOR $CeCoIn_5$	4-Sam28	B
11:00AM-12:30AM		Asano	T.	ESR STUDY OF ANTIFERROMAGNETIC QUANTUM SPIN CHAINS WITH STAGGERED FIELDS	4-Sam30	B
11:00AM-12:30AM		SOLOGUBENKO	A.V.	THERMAL CONDUCTIVITY OF THE SPIN-TETRAHEDRAL COMPOUND $Cu_2Te_2O_5Br_2$	4-Sam31	B
11:00AM-12:30AM		Protogenov	A.	STRUCTURES OF ORDER PARAMETERS IN INHOMOGENEOUS PHASE STATES OF STRONGLY CORRELATED SPIN SYSTEMS	4-Sam32	B
11:00AM-12:30AM		Ralko	A	Induced Anionicity and Consequences	4-Sam33	B
11:00AM-12:30AM		Sologubenko	A.V.	Diffusive energy transport in the $S=1$ Haldane spin chain compound $AgVP_{-2}S_{-6}$	4-Sam34	B
11:00AM-12:30AM		Gold	A.	Linear temperature dependence of the conductivity of the two-dimensional electron gas	4-Sam35	B
11:00AM-12:30AM		DERZHKO	V.	FROM A PHASE-SEPARATION TO A LONG-RANGE ORDER IN A SYSTEM OF CORRELATED ELECTRONS	4-sam36	B
11:00AM-12:30AM		Gajek	Z.	Influence of the inter-ion interaction on the phase diagrams of the 1D Falicov-Kimball system	4-sam37	B
11:00AM-12:30AM		MAHAJAN	A.V.	UNIVERSAL BEHAVIOR OF SPINLESS DEFECTS IN THE HALDANE CHAIN $Y_2Ba(Ni,Zn)_O_5$: A STUDY VIA BULK (SQUID) AND LOCAL (NMR) PROBES	4-sam38	B
11:00AM-12:30AM		Egorov	Boris V	STRONGLY INTERACTING LUTTINGER LIQUID STATE IN QUASI ONE-DIMENSIONAL COMPOUNDS	4-sam39	B
11:00AM-12:30AM		Kocharian	A.	EXACT, SELF-CONSISTENT AND PERTURBATIVE STUDIES OF MAGNETIC PROPERTIES IN 1D HUBBARD MODEL	4-sam40	B
11:00AM-12:30AM		Glazkov	V.N.	ESR STUDY OF THE IMPURITY-INDUCED ANTIFERROMAGNETIC ORDERING IN THE DILUTED SPIN-PEIERLS MAGNET $CuGeO_3$	4-sam41	B
11:00AM-12:30AM	TIFREA	I.	ELECTRIC FIELD CONTROL OF NUCLEAR SPIN DYNAMICS IN PARABOLIC QUANTUM WELLS	4-sam42	B	
11:00AM-12:30AM	4-tam-Films, multilayers and superlattices III - Chair: F. VINAI; I. Bergenti	Takanashi	K.	ENHANCED COERCIVE FORCE FOR L10 ORDERED FePt THIN FILMS FABRICATED BY ALTERNATE MONATOMIC LAYER DEPOSITION ON STEPPED Pt(001)	4-Tam01	C
11:00AM-12:30AM		Mohallem	NDSM	Magnetic Nanocomposite Thin Films of Prepared by Sol-Gel Process	4-Tam02	C
11:00AM-12:30AM		Kim	E. C.	Magnetic Propert of $Sm_2Fe_{17}N_3$ Thin Films Grown by RF Magnetron Sputtering	4-Tam03	C

11:00AM-12:30AM	4-tam-Films, multilayers and superlattices III - Chair: F. VINAI; I. Bergenti	Hwang	C.	EFFECT OF STRAIN ON THE STRUCTURAL TRANSITION AT THE INITIAL PSEUDOMORPHIC GROWTH: BASED ON FCC FE GROWTH	4-Tam04	C
11:00AM-12:30AM		Agostinelli	E.	STRUCTURAL AND MAGNETIC PROPERTIES OF PULSED LASER DEPOSITED CoPt ALLOY FILMS	4-Tam05	C
11:00AM-12:30AM		Getman	A.M.	THE PECULIARITY OF STATIC AND DYNAMIC PROPERTIES OF IRON FILMS	4-Tam06	C
11:00AM-12:30AM		Di Trollo	A.	Growth and magnetotransport properties of Sr ₂ FeMoO ₆ thin films	4-Tam07	C
11:00AM-12:30AM		Gieniusz	R.	FMR STUDY OF ULTRATHIN Co MAGNETIC FILMS ON VICINAL Si(111) SUBSTRATES	4-Tam08	C
11:00AM-12:30AM		Santi	L.	INVESTIGATION OF SCALING PROPERTIES OF HYSTERESIS IN FINEMET THIN FILMS	4-Tam09	C
11:00AM-12:30AM		Durante	C. A.	OPTICAL PROPERTIES OF IRON THIN FILMS	4-Tam10	C
11:00AM-12:30AM		Morales	R.	MAGNETIZATION REVERSAL PROCESSES, BLOCH AND NEEL WALLS IN GdxCo1-x/GdyCo1-y EXCHANGE COUPLED DOUBLE LAYERS	4-Tam11	C
11:00AM-12:30AM		Durin	G	DYNAMIC HYSTERESIS AND BARKHAUSEN NOISE IN CoFeSib THIN FILMS	4-Tam12	C
11:00AM-12:30AM		Hannemann	U.	Highly textured Nd ₂ Fe ₁₄ B films grown on amorphous substrates	4-Tam13	C
11:00AM-12:30AM		Kim	J.-V.	Hysteresis from antiferromagnetic domain wall processes in exchange-biased systems: <u>Magnetic defects and thermal effects</u>	4-Tam14	C
11:00AM-12:30AM		Kisielewski	M.	OVERLAYER INDUCED CHANGES OF MAGNETIC ORDERING IN ULTRATHIN COBALT FILM	4-Tam15	C
11:00AM-12:30AM		Bergmann	G	ELECTRONIC TRANSITION OF VANADIUM IMPURITIES IN DIFFERENT ALKALI HOSTS	4-Tam16	C
11:00AM-12:30AM		te Velthuis	S.G.E.	DOMAIN STATES DURING MAGNETIC REVERSAL OF EXCHANGE BIASED Co/CoO BILAYERS	4-Tam17	C
11:00AM-12:30AM		Zani	M.	Temperature dependent criticality of Barkhausen noise in thin Fe films	4-Tam18	C
11:00AM-12:30AM		Gajek	M.	FERROMAGNETIC INSULATING La _{1-x} BixMnO ₃ PEROVSKITE THIN FILMS.	4-Tam19	C
11:00AM-12:30AM		Gastelois	P. L.	SPIN REORIENTATION OF ULTRATHIN Ni FILMS ON Cu ₉₀ Au ₁₀ (100)	4-Tam20	C
11:00AM-12:30AM		Dumont	Y.	MODIFIED MAGNETIC PROPERTIES OF OXYGEN OFF-STOICHIOMETRIC YTTRIUM IRON GARNET THIN FILMS	4-Tam21	C
11:00AM-12:30AM		Paci	B.	STRUCTURAL, MORPHOLOGICAL AND MAGNETIC STUDY OF CoPt/Cr/MgO FILMS BY ENERGY DISPERSIVE X-RAY DIFFRACTOMETRY AND REFLECTOMETRY MEASUREMENTS	4-Tam22	C
11:00AM-12:30AM		Xu	Yunhui	LOCAL ELECTRONIC PROPERTIES OF MANGANITE FILMS STUDIED BY STM/STS UNDER AMBIENT CONDITIONS	4-Tam23	C
11:00AM-12:30AM		Speliotis	T.	Effect of post deposition annealing on hysteresis loops of sputtered NdFeB FILMS	4-Tam24	C
11:00AM-12:30AM		Venkatesan	M.	EFFECT OF ANNEALING ON MAGNETIC PROPERTIES OF SPUTTERED ND-FE-B FILMS	4-Tam25	C

11:00AM-12:30AM	4-tam-Films, multilayers and superlattices III - Chair: F. VINAI; I. Bergenti	Rhen	F. M. F	CHARACTERIZATION MAGNETIC AND STRUCTURAL OF ELECTRODEPOSITED CoPt ALLOYS	4-Tam26	C	
11:00AM-12:30AM		Veis	M.	MOKE SPECTROSCOPY OF SPUTTER DEPOSITED Cu-FERRITE FILMS.	4-Tam27	C	
11:00AM-12:30AM		Gupta	A.	Effects of surface roughness on softmagnetic properties of thin films	4-Tam28	C	
11:00AM-12:30AM		Kienert	J.	Magnetism of finite-n Kondo-lattice films	4-Tam29	C	
11:00AM-12:30AM		Spada	E. R.	THIN FILMS OF $\text{Fe}_x\text{-Ni}_{1-x}$ ELECTROPLATED ON SILICON (100).	4-Tam30	C	
11:00AM-12:30AM		Skryabina	N.E.	BARKHAUSEN EFFECT AND PERCOLATION THRESHOLD IN NANOCOMPOSITE METAL-DIELECTRIC WITH AMORPHOUS STRUCTURE	4-Tam31	C	
11:00AM-12:30AM		Mulazzi	M.	STRIPE DOMAINS NUCLEATION OBSERVED BY X-RAY MAGNETIC SCATTERING: TEMPERATURE VARIATION OF EXCHANGE AND ANISOTROPY	4-Tam32	C	
11:00AM-12:30AM		de la Fuente	C	MAGNETOELASTIC MODEL FOR AN EPITAXIAL (110) SmFe_2 THIN-FILM	4-Tam33	C	
11:00AM-12:30AM		Kumar	Naresh	MAGNETIC PROPERTIES OF PULSED LASER ABLATED YIG THIN FILMS ON DIFFERENT SUBSTRATES	4-Tam34	C	
11:00AM-12:30AM		Malkinski	L. M.	Effect of Microstructure Magnetic Properties of Ferro-/Antiferromagnet Fe/KCoF_3 thin films	4-Tam35	C	
11:00AM-12:30AM		Miranda	R.	Magnetic thin films and nanostructures grown on self-organized semiconductor surfaces	4-tam36	C	
11:00AM-12:30AM		4-uam-Rare earth systems II - Chair: F. VINAI; L. Del Bianco	HAI	N.H.	SPIN REORIENTATIONS IN TETRAGONAL $\text{Er}_{1-x}\text{Y}_x\text{Co}_{10}\text{Mo}_2$ AND $\text{ErCo}_{10-y}\text{Ni}_y\text{Mo}_2$ COMPOUNDS	4-Uam01	A
11:00AM-12:30AM			Zaharko	O.	Neutron diffraction of orbital and magnetic ordering in $\text{Dy}^{11}\text{B}_{20}\text{C}_2$ single crystal	4-Uam02	A
11:00AM-12:30AM	Andreev		A.V.	BULK STUDY OF A DyNiAl SINGLE CRYSTAL	4-Uam03	A	
11:00AM-12:30AM	Szewczyk		A.	SPECIFIC HEAT STUDY OF STRUCTURAL PHASE TRANSITIONS PRESENT IN PARAMAGNETIC ($x=0.155$) AND FERROMAGNETIC ($x=0.185$) PHASES FOR $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$	4-Uam04	A	
11:00AM-12:30AM	ISNARD Olivier		I.O	INVESTIGATION OF THE FIELD-INDUCED TRANSITION IN THE $\text{Nd}_2\text{Fe}_{17}\text{H}_x$ COMPOUNDS.	4-Uam05	A	
11:00AM-12:30AM	Tsutaoka		T.	Magnetic and Transport Properties of $\text{R}_5\text{-Ge}_3$ ($\text{R} = \text{Gd}, \text{Tb}$) Single Crystals	4-Uam07	A	
11:00AM-12:30AM	Kim		H. C.	PRESSURE DEPENDENT STUDIES OF ELECTRON DOPED HEXABORIDE $\text{Eu}_{1-x}\text{La}_x\text{B}_6$ ($x=0.05, 0.1$)	4-Uam08	A	
11:00AM-12:30AM	Sebek		J.	A MAGNETIC ORDER IN PrB_2C_2	4-Uam09	A	
11:00AM-12:30AM	Hannan		A.	HIGH FIELD MAGNETIC PHASE DIAGRAM OF CeP STUDIED BY SYNCHROTRON RADIATION X-RAY DIFFRACTION	4-Uam10	A	
11:00AM-12:30AM	Shigeoka		T.	Magnetic characteristics of DyCu_2Si_2 single crystal	4-Uam11	A	

11:00AM-12:30AM	4-uam-Rare earth systems II - Chair: F. VINAI; L. Del Bianco	Jung	M. H.	FIRST INVESTIGATION OF MAGNETIC GROUND STATES IN THE RARE-EARTH INTERMETALLIC COMPOUNDS $RAl_0.9Si_{1.1}$ (R = Ce, Pr, Gd)	4-Uam12	A
11:00AM-12:30AM		Hori	T.	MAGNETIC PROPERTIES OF $Y_{1-x}Dy_xMn_6Sn_6$ ALLOYS.	4-Uam13	A
11:00AM-12:30AM		Matas	S.	NEUTRON DIFFRACTION ON HoB_{12} .	4-Uam14	A
11:00AM-12:30AM		Andrianov	A.VI.	MAGNETIC PHASE DIAGRAM OF Y_xGd_{1-x} UNDER HYDROSTATIC PRESSURE	4-Uam15	A
11:00AM-12:30AM		Gratz	E.	MAGNETORESISTANCE IN RCo_2 SPIN FLUCTUATIONS COMPOUNDS	4-Uam16	A
11:00AM-12:30AM		Gondek	L.	NEUTRON DIFFRACTION STUDIES OF THE HEXAGONAL $RTIn$ (R=RARE EARTH, T=Au OR Ni) COMPOUNDS.	4-Uam17	A
11:00AM-12:30AM		El-Hagary	M.	FIRST ORDER MAGNETIC PHASE TRANSITION IN $PrCo_9Si_4$ AND $NdCo_9Si_4$	4-Uam18	A
11:00AM-12:30AM		Keller	L.	MAGNETIC ORDERING PHENOMENA IN $DyPd_3S_4$	4-Uam19	A
11:00AM-12:30AM		Andrianov	A.VI.	PRESSURE-INDUCED HELICAL ANTIFERROMAGNETISM IN FERROMAGNETIC $Ho_{40}Gd_{60}$	4-Uam20	A
11:00AM-12:30AM		Ido	H.	Ni-substitution effect on the anomalous magnetic properties of $SmCo_3B_2$ compound	4-Uam21	A
11:00AM-12:30AM		Chelkowska	G.	Magnetic and X-ray photoemission study of $Gd(Ni_{1-x}Mx)_5$ (M=Co, Fe)	4-Uam22	A
11:00AM-12:30AM		Santos	J.A.M.	ANOMALOUS BEHAVIOUR OF THE MAGNETORESISTANCE NEAR THE SPIN REORIENTATION OF DILUTE Gd-Y SINGLE CRYSTALS	4-Uam23	A
11:00AM-12:30AM		Morales	L.	DOUBLE EXCHANGE INTERACTION IN THE $LaMn_{1-x}Cr_xO_{3.00}$ COMPOUNDS	4-Uam24	A
11:00AM-12:30AM		Morales	L.	SYSTEMATIC STUDY OF THE MAGNETIC AND STRUCTURAL PROPERTIES OF THE PEROVSKITE $LaMn_{1-x}Cr_xO_3+d$ ($x = 0.05, 0.10, 0.15$).	4-Uam25	A
11:00AM-12:30AM		Streule	S.	Magnetic properties of $Ho_{0.1}Sr_{0.9}CoO_{3-x}$ Perovskites	4-Uam26	A
11:00AM-12:30AM		Suzuki	H.	POLAR MEASUREMENT OF MAGNETIZATION ON METAMAGNETIC PROCESS FOR X-Y TETRAGONAL	4-Uam27	A
11:00AM-12:30AM		Ohoyama	K.	DEVELOPMENT OF MAGNETIC CORRELATIONS AROUND THE TRANSITION TEMPERATURES IN $ErB_{2}C_{2}$	4-Uam28	A
11:00AM-12:30AM		Tobo	A.	Magnetic Phase Diagrams of $Ce_{1-x}M_xB_2C_2$ (M=La and Lu)	4-Uam29	A
11:00AM-12:30AM		Krotov	S	HIGH MAGNETIC FIELD INVESTIGATION OF MAGNETIC, MAGNETOELECTRIC AND MAGNETOELASTIC PROPERTIES OF FERROMAGNETOELECTRIC $GdMn_2O_5$	4-Uam30	A
11:00AM-12:30AM		Hamasaki	T	Observation of spin reorientation phase transition in $GdGa_2$ single crystal by neutron diffraction.	4-Uam31	A
11:00AM-12:30AM		Suzuki	M.	ELASTIC CONSTANTS OF $HoNi_2B_2C$	4-Uam32	A
11:00AM-12:30AM		Flacbart	K.	Magnetic phase diagram of HoB_{12}	4-Uam33	A

11:00AM-12:30AM	4-uam-Rare earth systems II - Chair: F. VINAI; L. Del Bianco	Kolmakova	N.P.	Effects of the energy level interaction at high magnetic fields in rare-earth compounds	4-Uam34	A
11:00AM-12:30AM		Zainullina	R.I.	ELASTIC PROPERTIES OF La _{1-x} Sr _x MnO ₃ SINGLE CRYSTALS	4-Uam35	A
11:00AM-12:30AM		Mizushima	T.	HIGH FIELD MAGNETIZATION OF TbNiAl ₄	4-Uam37	A
11:00AM-12:30AM		Kowalczyk	A.	ELECTRONIC STRUCTURE OF YbNi ₄ B COMPOUND: EXPERIMENT AND THEORY	4-Uam38	A
11:00AM-12:30AM		Stockert	O.	Magnetic order of CePd ₅ Ge ₃ and CePt ₅ Ge ₃	4-Uam39	A
11:00AM-12:30AM		HOFMANN	M.	VALENCE AND MAGNETIC TRANSITIONS IN YBMN ₂ Si ₂ -XGEX	4-Uam40	A
11:00AM-12:30AM		IDO	H.	MAGNETIC AND NEUTRON DIFFRACTION STUDY OF Ce ₃ Co ₁₁ B ₄ AND Ce ₂ Co ₇ B ₃	4-Uam41	A
11:00AM-12:30AM		Rotter	M.	Using McPhase to calculate Magnetic Phase Diagrams of Rare Earth Compounds	4-Uam42	A
11:00AM-12:30AM		Gamari-Seale	H.	Magnetic Structure of Nd _{0.92} Ca _{0.08} MnO ₃	4-Uam43	A
11:00AM-12:30AM		Kuo	P. C.	EFFECTS OF Tb CONTENT ON THE MICROSTRUCTURE AND MAGNETIC PROPERTIES OF Co ₈₅ -XTbXDy ₁₅ FILMS	4-Uam44	A
11:00AM-12:30AM		4-vam-Unconventional superconductivity II - Chair: F. VINAI; I. Bergenti	Bianchi	A. D.	Pauli limiting as the origin of a field induced first-order superconducting phase transition in the heavy fermion CeCoIn ₅ .	4-Vam01
11:00AM-12:30AM	Kohno		H.	SUPERCURRENT-INDUCED GAP TRANSFORMATION IN A P-WAVE SUPERCONDUCTOR	4-Vam03	F
11:00AM-12:30AM	Yanagisawa		T.	Spin-Charge Inhomogeneity, Spin-Orbit and Lattice Distortions in doped cuprates	4-Vam04	F
11:00AM-12:30AM	Cordero		F.	CLUSTER SPIN GLASS PHASE AND CHARGE STRIPE FLUCTUATIONS IN THE HIGH-TC SUPERCONDUCTOR La _{2-x} Sr _x CuO ₄	4-Vam05	F
11:00AM-12:30AM	Betsuyaku		K.	ELECTRONIC STRUCTURE AND ELECTRIC FIELD GRADIENT OF RIn ₃ AND RTIn ₅ (R = La AND Ce, T = Co, Rh AND Ir)	4-Vam06	F
11:00AM-12:30AM	Kanigel		A.	Correlation between the magnetic susceptibility and T _c in superconducting cuprates.	4-Vam07	F
11:00AM-12:30AM	Kontani		H.	Theory of Thermoelectric Transport Phenomena in High-T _c Superconductors	4-Vam08	F
11:00AM-12:30AM	Kohori		Yoh	¹¹⁵ In NQR study of superconducting CeCoIn ₅ under high pressure	4-Vam09	F
11:00AM-12:30AM	Sanna		S.	The coexistence of magnetism and superconductivity in YBa ₂ Cu ₃ O _{6.41}	4-Vam11	F
11:00AM-12:30AM	Izawa		K.	Observation of a symmetry change in the gap function in heavy-fermion superconductor PrOs ₄ Sb ₁₂	4-Vam12	F
11:00AM-12:30AM	Toschi		A.	Coherence length in unconventional superconductors	4-Vam13	F
11:00AM-12:30AM	Hedo		M.	SUPERCONDUCTING PROPERTIES OF NEW HEAVY FERMION SUPERCONDUCTOR Ce ₂ CoIn ₈	4-Vam14	F
11:00AM-12:30AM	Pucher		K.	Dimensional crossover in the charge dynamics of Sr ₂ RuO ₄	4-Vam15	F
11:00AM-12:30AM	Nunes		L. H. C.	Heavy fermion d wave superconductivity: a X-boson approach	4-Vam16	F

11:00AM-12:30AM	4-vam-Unconventional superconductivity II - Chair: F. VINAI; I. Bergenti	Bernard	R	EVIDENCE OF MULTIPLE PINNING MECHANISMS IN HIGH T _c SUPERCONDUCTING THIN FILMS BY AC SUSCEPTIBILITY.	4-Vam17	F
11:00AM-12:30AM		Klauss	H.-H.	From Static Magnetic Stripes to Superconductivity: High-Pressure μ SR studies on $\text{La}_{1.8-x}\text{Eu}_{0.2}\text{Sr}_x\text{CuO}_{4-z}$	4-Vam18	F
11:00AM-12:30AM		Griveau	J. C.	PRESSURE DEPENDENCE OF THE SUPERCONDUCTIVITY IN PuCoGa_5	4-Vam19	F
11:00AM-12:30AM		Salluzzo	M.	MAGNETIC PENETRATION DEPTH IN EPITAXIAL Nd-DOPED $\text{R}(\text{Nd}_{1-x}\text{Ba}_{2-x})\text{Cu}_3\text{O}_{7-z}$ (R = Y AND Nd) FILMS	4-Vam20	F
11:00AM-12:30AM		Brison	J.P.	ANISOTROPIC SUPERCONDUCTIVITY IN BOROCARBIDE SUPERCONDUCTORS AND SPIN DISORDER	4-Vam22	F
11:00AM-12:30AM		Won	H	FULDE-FERRELL-LARKIN-OVCHINNIKOV STATE IN CeCoIn_5	4-Vam23	F
11:00AM-12:30AM		Maki	K.	Scaling behaviors in s+g-wave superconductors	4-Vam24	F
11:00AM-12:30AM		Baabe	D.	Spin dynamics and static magnetic correlations in $\text{RE}_{2-y}\text{Ce}_y\text{CuO}_4$ with RE = Nd, Pr	4-Vam25	F
11:00AM-12:30AM		Lee	K.H.	PENETRATION DEPTH AND ANISOTROPY OF MGB2 SUPERCONDUCTOR FROM 11B NMR	4-Vam26	F
11:00AM-12:30AM		Lee	K.H.	NMR STUDY OF VORTEX DYNAMICS IN $\text{LuNi}_2\text{B}_2\text{C}$	4-Vam27	F
11:00AM-12:30AM		Kim	D.H.	LOCAL FIELD DISTRIBUTION AND NMR LINE SHAPE IN $\text{YNi}_2\text{B}_2\text{C}$ SUPERCONDUCTOR	4-Vam28	F
11:00AM-12:30AM		Kato	M.	Structure of magnetic flux of nano-scaled superconductors	4-Vam29	F
11:00AM-12:30AM		Mishima	A.	BOUND STATES OF TWO HOLES AND ANTIFERROMAGNETIC EXCHANGE INTERACTIONS IN TWO-CHAIN MODELS	4-Vam30	F
11:00AM-12:30AM		Rotundu	C.R.	CALORIMETRIC STUDY OF $\text{PrOs}_4\text{Sb}_{12}$ AT LOW AND HIGH MAGNETIC FIELDS.	4-Vam31	F
11:00AM-12:30AM		Maki	K.	{Optical conductivity of the triplet superconductor Sr_2RuO_4	4-Vam32	F
11:00AM-12:30AM		LLobet	A.	INTERPLAY BETWEEN MAGNETISM AND SUPERCONDUCTIVITY IN $\text{Ce}_{n-1}\text{Mn}_{3n+2}$ HEAVY FERMIONS	4-Vam33	F
11:00AM-12:30AM		Boris	A.V.	TRANSVERSE JOSEPHSON PLASMA RESONANCE IN TRILAYER $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ SUPERCONDUCTOR.	4-Vam34	F
11:00AM-12:30AM		Kovaleva	N. N.	SUPERCONDUCTIVITY-INDUCED TRANSFER OF IN-PLANE SPECTRAL WEIGHT IN $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$.	4-Vam35	F
11:00AM-12:30AM		Lee	K.H.	11B NMR STUDY OF HoNi_2	4-Vam36	F
11:00AM-12:30AM		Gusmão	M. A.	SUPERCONDUCTIVITY AND MAGNETISM IN FRUSTRATED LATTICES	4-Vam37	F
11:00AM-12:30AM	Lhotel	E.	Avalanches in UGe_2	4-Vam38	F	
11:00AM-12:30AM	Larionov	I.A.	MICROSCOPIC ORIGIN OF 1/8 ANOMALY IN $\text{La}_{2-x-y}(\text{Nd},\text{Eu})_y(\text{Ba},\text{Sr})_x\text{CuO}_4$	4-vam39	F	
11:00AM-12:30AM	4-wam	WAHL	A.	Non-linear Conduction in Manganese Oxides : the Charge Density Wave Scenario	4-Wam01	H

11:00AM-12:30AM	4-wam-Metal-insulator transitions I - Chair: F. VINAI	CAUSA	M.T.	HIGH TEMPERATURE MAGNETIC PROPERTIES OF RNiO ₃	4-Wam02	H
11:00AM-12:30AM		FUJIMOTO	S.	Geometrical-frustration-induced (semi)metal to insulator transition in pyrochlore Hubbard models	4-Wam03	H
11:00AM-12:30AM		NAGATA	S.	METAL-INSULATOR TRANSITION IN THE SPINEL-TYPE Cu ₁ MnIr ₂ S ₄ SYSTEM	4-Wam04	H
11:00AM-12:30AM		HIDAKA	M.	CORRELATION BETWEEN ELECTRIC MAGNETIC TRANSITIONS AND ELECTRONIC ENERGY STATES NEAR A FERMI LEVEL IN SPINEL COMPOUNDS Zn _{1-x} Cu _x Cr ₂ Se ₄	4-wam05	H
11:00AM-12:30AM		GABANI	S.	INSULATOR - METAL QUANTUM PHASE TRANSITION IN SmB ₆	4-Wam06	H
11:00AM-12:30AM		Kakehashi	Y.	SELFCONSISTENT PROJECTION OPERATOR METHOD TO THE SINGLE-PARTICLE EXCITATION SPECTRUM -- A NEW APPROACH TO THE METAL-INSULATOR TRANSITION.	4-Wam07	H
11:00AM-12:30AM		Villafuerte	M.	Electric and Magnetic Fields Effects on the Transport Properties of La _{0.5} Ca _{0.5} MnO ₃ Thin Films	4-Wam08	H
11:00AM-12:30AM		NAKAJIMA	T.	Electromagnetic properties of A -site ordered/disordered R BaMn ₂ O ₆ (R =Y and Rare Earth Elements)	4-Wam09	H
11:00AM-12:30AM		BABUSHKINA	N.A.	Strong isotope effect in Sm _{1-x} Sr _x MnO ₃ manganites near x= 0.5	4-Wam10	H
11:00AM-12:30AM		ROSSLER	U.K.	CONTINUOUS PHASE TRANSITION IN MIXED-VALENT MANGANITE Nd _{0.6} Pb _{0.4} MnO ₃	4-Wam11	H
11:00AM-12:30AM		Makarov	I.V.	METAL-INSULATOR TRANSITION IN HEXAGONAL NiS IN A MAGNETIC FIELD	4-Wam12	H
11:00AM-12:30AM		Kida	N	EFFECTS OF PHOTO-INDUCED INSULATOR-METAL TRANSITION ON TERAHERTZ RADIATION PROPERTIES OF Pr _{1-ϵ} (ϵ 0.7) Ca _{ϵ} (ϵ 0.3) MnO ₃	4-Wam13	H
11:00AM-12:30AM		Brando	M.	MAGNETIC AND ELECTRICAL PROPERTIES OF La _{0.85} Na _{0.15} MnO _{3+d}	4-Wam14	H
11:00AM-12:30AM		Scagnoli	V.	CHARGE DISPROPORTIONATION OBSERVED BY RESONANT X-RAY SCATTERING AT THE METAL-INSULATOR TRANSITION IN NDNiO ₃	4-Wam15	H
11:00AM-12:30AM		Sánchez	R.D.	PARAMAGNETIC PHASE OBSERVED BY ELECTRON SPIN RESONANCE IN Pr _{0.65} Ca _{0.35-x} Sr _x MnO ₃ IN PHASE SEPARATED MANGANITES BELOW THE ORDER TEMPERATURE.	4-Wam16	H
11:00AM-12:30AM		Nakamura	S.	MAGNETIC FIELD INDUCED PHASE TRANSITION IN DISTORTED PEROVSKITE Eu _{0.6} Sr _{0.4} MnO ₃	4-Wam17	H
11:00AM-12:30AM		Abd-Elmeguid	M.	PRESSURE DEPENDENCE OF THE TRANSPORT AND MAGNETIC PROPERTIES OF La _{1-x} Sr _x CoO ₃	4-Wam18	H
11:00AM-12:30AM		Lee	C.H.	Study of crystal structure at low temperature in metal-insulator transition compound PrRu ₄ P ₁₂	4-Wam19	H
11:00AM-12:30AM		Ishida	Y.	Pressure Induced Phase Transition in MnS	4-Wam20	H
11:00AM-12:30AM		Shimizu	K.	⁵⁵ Mn NMR STUDY OF La _{1.2} Sr _{1.8-x} CaxMn ₂ O ₇	4-Wam21	H
11:00AM-12:30AM		Zakharenko	M.I.	CORRELATIONS BETWEEN ELECTRONIC STRUCTURE AND TRANSPORT PROPERTIES OF 3d-BASED AMORPHOUS ALLOYS	4-Wam22	H

11:00AM-12:30AM	4-wam-Metal-insulator transitions I - Chair: F. VINAI	Kumigashira	H.	In-situ synchrotron-radiation angle-resolved photoemission study on La _{0.6} Sr _{0.4} MnO ₃ thin films grown by laser molecular beam epitaxy	4-Wam23	H
11:00AM-12:30AM		Horiba	K.	In-situ Mn 2p-3d resonant photoemission study on La _{0.6} Sr _{0.4} MnO ₃ epitaxial thin films grown by laser MBE	4-Wam24	H
11:00AM-12:30AM		Horiba	K.	In-situ synchrotron-radiation photoemission spectroscopy on La _{1-x} Sr _x MnO ₃ thin films; composition dependence of electronic structure	4-Wam25	H
11:00AM-12:30AM		Yamaura	J.	X-ray Characterization for the Charge Ordering on f _A (f _A)-Vanadium Oxide Bronze	4-Wam26	H
11:00AM-12:30AM		Yamauchi	T.	Crystal growth and electromagnetic properties of β -vanadium bronzes A _{0.33} V ₂ O ₅ A=Ca, Sr, Pb	4-Wam27	H
11:00AM-12:30AM		Papastaikoudis	C.	Unusual Magnetic Properties of LaMnO ₃ + δ	4-Wam28	H
11:00AM-12:30AM		Volkov	N.V.	CHANGE OF CONDUCTIVITY INDUCED BY MAGNETIC RESONANCE IN Eu _{0.7} Pb _{0.3} MnO ₃ SINGLE CRYSTAL	4-Wam29	H
11:00AM-12:30AM		Furubayashi	T.	X-RAY RADIATION EFFECTS ON THE ELECTRICAL CONDUCTION OF CuIr ₂ S ₄ IN THE INSULATING PHASE	4-Wam30	H
11:00AM-12:30AM		Shiga	M.	Long-Period Magnetic Modulation in BaVS ₃ ; Neutron Diffraction of Oriented Single Crystals	4-Wam31	H
11:00AM-12:30AM		Lin	Chien-	Percolation Calculations of the Localization model for the Metal-Insulator Transition in Colossal Magnetoresistance Compounds	4-Wam32	H
11:00AM-12:30AM		de Brion	S.	MAGNETIC PHASE DIAGRAM IN THE CHARGE-ORDERED Pr _{0.5} Ca _{0.5} MnO ₃ STRAINED THIN FILMS	4-Wam33	H
11:00AM-12:30AM		Baumann	C.	MAGNETISM AND TRANSPORT PROPERTIES OF SINGLE LAYERED MANGANITES	4-Wam34	H
11:00AM-12:30AM		Kajimoto	R.	SPIN WAVE AND ORBITAL ORDERING IN THE C-TYPE ANTIFERROMAGNETIC PHASE OF Nd _{1-x} Sr _x MnO ₃	4-Wam36	H
11:00AM-12:30AM		Agrestini	S.	DETERMINATION OF LOCAL DISTORTIONS IN THE CHARGE ORDERED AND CMR La _{1-x} Ca _x MnO ₃ MANGANITES	4-Wam37	H
11:00AM-12:30AM		Avella	A.	SELF ENERGY CORRECTIONS TO THE ELECTRONIC SPECTRUM OF THE HUBBARD MODEL	4-wam38	H
11:00AM-12:30AM		Krivenko	S.	MAGNON SOFTENING AND DAMPING IN THE FERROMAGNETIC MANGANITES DUE TO ORBITAL CORRELATIONS	4-wam39	H
11:00AM-12:30AM		Granja	L.	LOW TEMPERATURE MAGNETIZATION STEPS IN PHASE SEPARATED MANGANITES	4-wam40	H
11:00AM-12:30AM		Ishihara	S.	Dynamics of orbital in hole doped and undoped titanates and vanadates with perovskite structure	4-wam41	H
11:00AM-12:30AM		Shimizu	K.	NMR STUDY OF MAGNETIC PROPERTIES OF Pr _{1-x} Sr _x MnO ₃ (0.2 < x < 0.5)	4-wam42	H
11:00AM-12:30AM		Oles	A.M.	SPIN AND ORBITAL CORRELATIONS IN SPIN-ORBITAL MODELS WITH PARTLY FILLED t _{2g} ORBITALS	4-wam43	H
11:00AM-12:30AM	Muraoka	Y	EFFICIENT PHOTOCARRIER INJECTION TO TRANSITION METAL OXIDES	4-wam44	H	

11:00AM-12:30AM	4-xam-Magnetic nanoparticles I - Chair: F. VINAI; L. Del Bianco	WOO	Kyoung	Synthesis and Magnetism of Hematite and Maghemite Nanoparticles	4-Xam01	D
11:00AM-12:30AM		Jedryka	E.	HEAT-INDUCED NANOCLUSTER FORMATION IN CODEPOSITED AgCo THIN FILMS – NMR STUDY .	4-Xam02	D
11:00AM-12:30AM		Tiberto	P.	EFFECTS OF QUENCHING AND ANNEALING ON THE HIGH-TEMPERATURE MAGNETIC PROPERTIES OF RAPIDLY QUENCHED Au ₈₀ Fe ₂₀	4-Xam03	D
11:00AM-12:30AM		Zysler	R.D.	ELECTRON SPIN RESONANCE MEASUREMENTS IN CoFe ₂ O ₃ FREE ROTOR NANOPARTICLES	4-Xam04	D
11:00AM-12:30AM		Zysler	R.D.	SURFACE MAGNETISM IN MnO ANTIFERROMAGNETIC NANOPARTICLES	4-Xam05	D
11:00AM-12:30AM		Guo	G. Y.	Theoretical studies of electronic structure and magnetic properties of bulk and nano-particle CeCo ₂	4-Xam06	D
11:00AM-12:30AM		RODRIGUEZ	A.F.R.	AC SUSCEPTIBILITY OF MAGNETITE NANOPARTICLES DISPERSED IN STYRENE-DIVINYLBENZENE	4-Xam07	D
11:00AM-12:30AM		MIYASITA	S.	DNAMICAL RESPONSE OF MOLECULAR MAGNETS	4-Xam08	D
11:00AM-12:30AM		Silveira	LB	SUSCEPTIBILITY OF COBALT FERRITE NANOPARTICLES DISPERSED IN POLYLACTIC ACID MICROSPHERES	4-Xam09	D
11:00AM-12:30AM		Jung	J.	PREPARATION AND CHARACTERIZATION FE ₂ O ₃ NANOPARTICLES IN SBA15 HOST MATERIAL	4-Xam10	D
11:00AM-12:30AM		Ghose	J.	Synthesis and studies on superparamagnetic cobalt zinc ferrite	4-Xam11	D
11:00AM-12:30AM		Bakuzis	AF	MAGNETIC NANOPARTICLE SYSTEMS: AN ISING MODEL APPROXIMATION	4-Xam12	D
11:00AM-12:30AM		Tartakovskaya	H. V.	NEW MICROMAGNETIC STATES IN NONELLIPSOIDAL NANOPARTICLES	4-Xam13	D
11:00AM-12:30AM		Yoon	C. S.	Synthesis of γ -Fe ₂ O ₃ nanoparticles embedded in polyimide	4-Xam14	D
11:00AM-12:30AM		Chubykalo	O.A.	NUMERICAL EVALUATION OF MULTI-DIMENSIONAL ENERGY BARRIERS FOR FePt AND Co PARTICLES.	4-Xam15	D
11:00AM-12:30AM		Hasanpour	A.	Preparation of Bi-YIG fine particles by the Mechanochemical Processing	4-Xam18	D
11:00AM-12:30AM		Carsughi	F.	SMALL ANGLE NEUTRON SCATTERING STUDY OF INTERPARTICLE MAGNETIC CORRELATIONS IN A NANOSIZED g-Fe ₂ O ₃ SYSTEM.	4-Xam19	D
11:00AM-12:30AM		Nedkov	I.	CRYSTALLINE ANISOTROPY CONTRIBUTION IN NANOSIZED QUASI-SPHERICAL FERROXIDE PARTICLES WITH LOW AND HIGH ANISOTROPY	4-Xam20	D
11:00AM-12:30AM		Heinemann	A.	A magnetic liquid structure obtained with polarised small-angle neutron scattering	4-Xam21	D
11:00AM-12:30AM		García Calderón	R.	Static and dynamic magnetic properties of a mechanically alloyed Fe ₉ Cu ₅ Ag ₈₆	4-Xam22	D
11:00AM-12:30AM		Shinohara	T.	FERROMAGNETISM OF GAS-EVAPORATED PD FINE PARTICLES IN MESOSCOPIC SIZE	4-Xam24	D

11:00AM-12:30AM	4-xam-Magnetic nanoparticles I - Chair: F. VINAI; L. Del Bianco	Okamoto	S.	ANISOTROPY FIELD OF FE-PT NANO-PARTICLES CONTROLLED BY PT OVERLAYER THICKNESS.	4-Xam25	D
11:00AM-12:30AM		Teranishi	T.	FABRICATION AND MAGNETIC PROPERTIES OF FePt NANOPARTICLE SUPERLATTICES	4-Xam26	D
11:00AM-12:30AM		Yamamoto	Y.	X-ray magnetic circular dichroism study of gold nanoparticles protected by polymer	4-Xam27	D
11:00AM-12:30AM		Del Bianco	L.	MAGNETIZATION REVERSAL PROCESSES IN A NANOSCALE Fe/FeOXIDE GRANULAR SYSTEM	4-Xam29	D
11:00AM-12:30AM		Kalska-Szostko	B.	Co NANOPARTICLES – TEMPERATURE-DEPENDENT MAGNETO-OPTICAL STUDIES	4-Xam30	D
11:00AM-12:30AM		Allongue	P.	IN-SITU CHARACTERIZATIONS OF ULTRATHIN MAGNETIC LAYERS ELECTRODEPOSITED ON GOLD (111)	4-Xam31	D
11:00AM-12:30AM		Nagarajan	R.	Enhancement of magnetization in mechanically milled CoRh ₂ O ₄	4-Xam32	D
11:00AM-12:30AM		Berkov	D.V.	COMBINED LANGEVIN DYNAMICS / MONTE-CARLO SIMULATIONS OF THE NON-EQUILIBRIUM FERROFLUID REMAGNETIZATION	4-Xam33	D
11:00AM-12:30AM	4-yam-Transition metal alloys and compounds III - Chair: F. VINAI; V. Basso	Arai	J	MÖSSBAUER STUDY OF IMPURITY EFFECT ON FERRIMAGNET Ca ₃ Co ₂ O ₆ WITH ONE-DIMENSIONAL CHAINS	4-Yam01	I
11:00AM-12:30AM		Shiraishi	Hiroshi	MAGNETIC PROPERTIES OF Ni ₂ In TYPE (Mn _{1-x} Tx) ₆₅ Sn ₃₅ (T =Ti, Cr)	4-Yam02	I
11:00AM-12:30AM		STEINER	W.	HIGH FIELD MÖSSBAUER AND MAGNETIC INVESTIGATIONS OF Pr _{0.73} Fe ₄ Sb ₁₂	4-Yam03	I
11:00AM-12:30AM		Kuroe	H.	THE EFFECTS OF MAGNETIC FIELD ON RAMAN SPECTRA OF Nd _{1-x} Sr _x MnO ₃ AND LaMnO ₃	4-Yam05	I
11:00AM-12:30AM		Uchida	Y.	NMR study of the magnetic properties of the ordered perovskite Sr ₂ Cu(Re _{0.69} Ca _{0.31})O ₆	4-Yam06	I
11:00AM-12:30AM		Pomjakushin	V	ATOMIC AND MAGNETIC STRUCTURES, PHASE SEPARATION AND UNCONVENTIONAL SUPEREXCHANGE INTERACTIONS IN Sr ₂ GaMnO _{5+x} (0<x<0.5) AND Sr ₂ GaMnO _{5.5-y} F _{0.5+y}	4-Yam07	I
11:00AM-12:30AM		Eriksson	T.	Crystal structure and magnetic Properties of the new phase Mn ₃ IrSi	4-Yam08	I
11:00AM-12:30AM		ISNARD	O.	CRYSTAL STRUCTURE AND MAGNETIC PROPERTIES OF NEW ThCo ₄ B PHASE	4-Yam09	I
11:00AM-12:30AM		RIVAS-MURIAS	B.	MAGNETIC ORDER IN THE LAMELLAR COMPOUNDS La _{1-x} Sr _x Fe ₄ As ₂ (0<x<0.4)	4-Yam10	I
11:00AM-12:30AM		Parker	D R	Pressure and temperature variation of the magnetic order in the series CuxZn _{1-x} Cr ₂ Se ₄ .	4-Yam11	I
11:00AM-12:30AM		Schnelle	W.	MAGNETIC AND ELECTRONIC PROPERTIES OF LITHIUM NITRIDOMETALATES Li[(Li _{1-x})Tx]N (T =Mn,Fe,Co,Ni,Cu)	4-Yam12	I
11:00AM-12:30AM		Schnelle	W.	STRUCTURAL AND MAGNETIC PROPERTIES OF FILLED SKUTTERUDITES NaFe ₄ Sb ₁₂ AND KFe ₄ Sb ₁₂	4-Yam13	I
11:00AM-12:30AM		Rabis	A.	MAGNETIC RESONANCE INVESTIGATIONS ON NaFe ₄ Sb ₁₂	4-Yam14	I
11:00AM-12:30AM		Dincer	I.	MAGNETIC STRUCTURES OF THE LaMn _{2-x} Fe _x Si ₂ , PrMn _{2-x} Fe _x Ge ₂ AND PrMn _{2-x} CoxGe ₂ COMPOUNDS	4-Yam15	I
11:00AM-12:30AM		Berger	R.	Magnetic ordering in ternary chalcogenides TiCo ₂ Se _{2-x} S _x .	4-Yam16	I

11:00AM-12:30AM	4-yam-Transition metal alloys and compounds III - Chair: F. VINAI; V. Basso	UWATOKO	Y.	MOSSBAUER SPECTROSCOPY OF SINGLE CRYSTALS (Fe _{1-x} Ru _x) ₂ P	4-Yam17	I
11:00AM-12:30AM		LINDEN	J.	TUNING THE Fe II/III MIXED-VALENCE STATE AND THE B-SITE ORDER IN DOUBLE PEROVSKITE Sr ₂ FeMoO ₆ THROUGH CHEMICAL SUBSTITUTIONS	4-Yam18	I
11:00AM-12:30AM		Yang	C. C.	Short range magnetic correlations in Li(Mn _{1-x} Cox) ₂ O ₄	4-Yam19	I
11:00AM-12:30AM		Beluschenko	S.V.	MAGNETIC ANISOTROPY AND HYSTERESIS IN SINGLE CRYSTALS MIXED COPPER LUDWIGITE Cu _{2-x} CoxGaBO ₅ .	4-Yam20	I
11:00AM-12:30AM		Ritter	C.	Magnetisation and neutron diffraction studies on Sr _{2-x} CaxFeMoO ₆	4-Yam21	I
11:00AM-12:30AM		Senthikumar	N.	SPECIFIC HEAT, THERMAL TRANSPORT AND AC SUSCEPTIBILITY STUDY ON THE FILLED SKUTTERUDITES NaFe ₄ Sb ₁₂ and BaFe ₄ Sb ₁₂	4-Yam22	I
11:00AM-12:30AM		Wills	A.S.	MAGNETIC ORDERING IN A DISTORTED S=1/2 PYROCHLORE ANTIFERROMAGNET	4-Yam23	I
11:00AM-12:30AM		Villafuerte-Castrejón	M. E.	SYNTHESIS AND AC MAGNETIC SUSCEPTIBILITY MEASUREMENTS OF Fe(2-x)AlxO ₃ COMPOUNDS	4-Yam24	I
11:00AM-12:30AM		Cruz	M.M.	Magnetic behaviour of Co and Ni implanted MgO	4-Yam25	I
11:00AM-12:30AM		Goko	T	PRESSURE EFFECT ON MAGNETIC TRANSITIONS IN ONE-DIMENSIONAL Ca ₃ Co ₂ O ₆	4-Yam26	I
11:00AM-12:30AM		Krezhov	K.	LOW TEMPERATURE NEUTRON DIFFRACTION STUDY OF RBNiF ₃	4-Yam27	I
11:00AM-12:30AM		Gama	S.	ON THE DETERMINATION OF THE PHASE COMPOSITION OF THE GD ₅ GE ₂ SI ₂ ALLOY	4-Yam28	I
11:00AM-12:30AM		ALARIO-FRANCO	M.A.	THE EFFECT OF RUTHENIUM IN THE PROPERTIES OF CHROMIUM DIOXIDE	4-Yam29	I
11:00AM-12:30AM		TOVAR	M.	LOW TEMPERATURE SPECIFIC HEAT OF Sr ₂ FeMOO ₆	4-Yam30	I
11:00AM-11:30AM	LUNCH					
02:00PM-02:45PM	4-PL	MAEKAWA	S.	SPIN DEPENDENT TRANSPORT IN MAGNETIC NANOSTRUCTURES	4-PL1	PLENARY HALL
02:45PM-04:15PM	4-ppm-Low dimensionality quantum magnets - Chair: G. BOTTONI	PIRES	A.S.T.	Magnon-Phonon Interaction in the One Dimensional Quantum XY Model	4-ppm01	H
02:45PM-04:15PM		Tonegawa	T.	GROUND-STATE PROPERTIES OF AN S=1/2 Delta -CHAIN WITH FERRO- AND ANTIFERROMAGNETIC INTERACTIONS	4-ppm03	H
02:45PM-04:15PM		Mienert	D.	MAGNETIC CORRELATIONS IN THE 1-D QUANTUM SPIN SYSTEM Sr ₂ Ca ₂ La ₁₄ Cu ₂₄ O ₄₁ STUDIED BY NMR AND μ SR EXPERIMENTS	4-ppm04	H
02:45PM-04:15PM		GOUVEA	M.E.	DYNAMICS OF QUANTUM FERRIMAGNETIC CHAINS	4-ppm05	H
02:45PM-04:15PM		OHTA	H.	BREATHING EXCITATION OBSERVED BY HIGH FIELD ESR IN ONE DIMENSIONAL ANTIFERROMAGNET BaCu ₂ (Si _{1-x} Gex) ₂ O ₇ (x=0.65)	4-ppm06	H
02:45PM-04:15PM		SYROMYATNIKOV	A.V.	LOW-ENERGY SINGLET DYNAMICS OF SPIN 1/2 HEISENBERG KAGOME ANTIFERROMAGNETS AND THERMODYNAMICAL PROPERTIES OF KAGOME CLUSTERS	4-ppm07	H

02:45PM-04:15PM	4-ppm-Low dimensionality quantum magnets - Chair: G. BOTTONI	OTSUKA	H.	CROSSOVER BEHAVIOR OF THE FRUSTRATED QUANTUM SPIN CHAIN IN A STAGGERED MAGNETIC FIELD	4-ppm08	H
02:45PM-04:15PM		ILKOVIC	V.	Magnetization reorientation and anisotropy in ultrathin ferromagnetic films and monolayers with spin $S = 1, 2$ and $3/2$.	4-ppm09	H
02:45PM-04:15PM		Fujii	Y.	NMR STUDY OF $S=1/2$ QUASI-TWO DIMENSIONAL ANTIFERROMAGNET Cs_2CuBr_4	4-ppm10	H
02:45PM-04:15PM		Manaka	H.	MUON SPIN RELAXATION STUDY OF THE HALDANE STATE FORMED IN FERROMAGNETIC-ANTIFERROMAGNETIC ALTERNATING HEISENBERG CHAINS (CH_3) ₂ CHNH ₃ CuCl ₃	4-ppm11	H
02:45PM-04:15PM		Sakai	T.	FIELD-INDUCED SPIN LIQUIDS AND ORDERS IN QUASI-1D GAPPED SYSTEMS	4-ppm12	H
02:45PM-04:15PM		Orendacova	A.	MAGNETIC PROPERTIES OF $Cu(C_{12}H_8N_2)(H_2O)_2SO_4$ - $S = 1/2$ ZIG-ZAG LADDER WITH SPATIALLY ANISOTROPIC EXCHANGE COUPLING	4-ppm13	H
02:45PM-04:15PM		Hase	M.	MAGNETIC PROPERTIES OF A THREE-DIMENSIONAL ANTIFERROMAGNET FORMED BY THREE BONDS, $Cu_6Ge_6O_{18-x}H_2O$ ($x = 0$ to 6)	4-ppm14	H
02:45PM-04:15PM		Yoshida	Y.Y	Magnetic Fields Effects on Specific Heat of an Organic $S=1/2$ Alternating Linear Heisenberg Antiferromagnet F_5PNN	4-ppm15	H
02:45PM-04:15PM		Cizmar	E.	Experimental study of $MnCl_3(C_{12}H_8N_2)$ - an $S=2$ Heisenberg antiferromagnetic chain	4-ppm16	H
02:45PM-04:15PM		Hagiwara	M	MAGNETIC PROPERTIES OF $S=1$ ANTIFERROMAGNETIC CHAINS WITH BOND ALTERNATION	4-ppm17	H
02:45PM-04:15PM		Narumi	Y	A MAGNETIZATION PLATEAU IN A KAGOME ANTIFERROMAGNET	4-ppm18	H
02:45PM-04:15PM		Smirnov	A. I.	INTERACTION OF TRIPLET EXCITATIONS WITH SPIN CHAIN ENDS IN THE HALDANE MAGNET $PbNi_2V_2O_8$	4-ppm19	H
02:45PM-04:15PM		Müller	K.-H.	Magnetic Properties of the Ladder Compounds $La_2(Cu,Zn)_2O_5$ and $La_8(Cu,Zn)_7O_{19}$	4-ppm20	H
02:45PM-04:15PM		ROSCILDE	T.	XY BEHAVIOR OF THE 2D $S=1/2$ ANTIFERROMAGNET IN A FIELD	4-ppm21	H
02:45PM-04:15PM		Goveas	Neena	EXACT DIAGONALIZATION STUDIES OF VARIOUS PHASES IN THE ANISOTROPIC TRIANGULAR LATTICE	4-ppm22	H
02:45PM-04:15PM		Cabrera	G. G.	Anomalous Slow Dynamics in Quantum Spin Chains	4-ppm23	H
02:45PM-04:15PM		Harada	I.	MAGNETIC PROPERTIES OF $S=1$ SPIN CHAINS WITH ALTERNATING INTERACTIONS	4-ppm24	H
02:45PM-04:15PM		Heidrich-Meisner	F.	Transport in dimerized and frustrated spin systems	4-ppm25	H
02:45PM-04:15PM		Beard	B. B.	RECONCILING FIELD-THEORETICAL AND SEMICLASSICAL APPROACHES TO QUANTUM 2D ANTIFERROMAGNETS	4-ppm26	H
02:45PM-04:15PM		Grechnev	A.	SELF-CONSISTENT SPIN-WAVE THEORY OF 2D QUANTUMHEISENBERG MAGNETS WITH DIPOLE-DIPOLE INTERACTION.	4-ppm27	H

02:45PM-04:15PM	4-ppm-Low dimensionality quantum magnets - Chair: G. BOTTONI	Yamamoto	H.	^{1}H -NMR OF $S=1$ ANTIFERROMAGNETS WITH BOND ALTERNATION	4-ppm28	H
02:45PM-04:15PM		Christensen	N. B.	Zone boundary dispersion and multi-magnon spectrum of the $S=1/2$, square lattice Heisenberg antiferromagnet CFTD.	4-ppm29	H
02:45PM-04:15PM		Kikuchi	H.	EXPERIMENTAL EVIDENCE OF THE ONE-THIRD MAGNETIZATION PLATEAU IN THE DIAMOND CHAIN COMPOUND $Cu_3(CO_3)_2(OH)_2$	4-ppm30	H
02:45PM-04:15PM		Vekua	T.	PHASE DIAGRAM OF SPIN LADDERS WITH FERROMAGNETIC LEGS	4-ppm31	H
02:45PM-04:15PM		Kolezhuk	A. K.	Excitations and response functions of gapped 1D spin systems in strong magnetic field	4-ppm32	H
02:45PM-04:15PM		Mikeska	H.-J.	RING EXCHANGE IN LOW-DIMENSIONAL SPIN SYSTEMS	4-ppm33	H
02:45PM-04:15PM		Tani	T.	NMR STUDY ON FIELD-INDUCED MAGNETIC ORDER IN QUANTUM SPIN MAGNET NH_4CuCl_3 .	4-ppm34	H
02:45PM-04:15PM		Tanaka	K.	Absence of spontaneous symmetry breaking in the ground state of one dimensional spin-orbital model	4-ppm35	H
02:45PM-04:15PM		Fukumoto	Y.	QUANTUM PHASE TRANSITION IN THE TRANSVERSE FIELD ISING MODEL ON A Δ CHAIN	4-ppm36	H
02:45PM-04:15PM		Okubo	S.	HIGH FIELD ESR STUDY OF DIAMOND-CHAIN SUBSTANCE $Cu_3(CO_3)_2(OH)_2$	4-ppm37	H
02:45PM-04:15PM		Momoi	T.	Scalar chiral order in the two-leg spin ladders with four-spin exchanges	4-ppm38	H
02:45PM-04:15PM		Brenig.	W.	VALENCE-BOND SOLID PHASE OF THE CROSSED-CHAIN QUANTUM SPIN MODEL	4-ppm39	H
02:45PM-04:15PM		Mukherjee	C. J.	Field Induced Quantum Phase Transition in the 1D XY-Like Antiferromagnet Cs_2CoCl_4	4-ppm40	H
02:45PM-04:15PM		Kaul	E. E.	$Pb_2VO(PO_4)_2$: FIRST EXAMPLE FOR A FERROMAGNETIC FRUSTRATED SQUARE LATTICE	4-ppm41	H
02:45PM-04:15PM		Kremer	R. K.	Investigation of the Magneto-Structural Phase Transition in [1-benzyl-4-aminopyridinium] [bis(maleonitriledithiolato) nickelate]	4-ppm42	H
02:45PM-04:15PM		Barbara	B.	Adiabatic Landau-Zener Transition with or without Dissipation in the mesoscopic Spin 1/2 Molecule V_{15}	4-ppm43	H
02:45PM-04:15PM		UJFALUSSY	Akinob	AB INITIO SPIN DYNAMICS STUDIES OF SMALL METALLIC PARTICLES ON SURFACES	4-ppm44	H
02:45PM-04:15PM		Braun	H.B.	OBSERVATION OF SOLITON CHIRALITY VIA POLARIZED NEUTRONS.	4-ppm45	H
02:45PM-04:15PM		Kremer	R. K.	ELASTIC NEUTRON DIFFRACTION STUDY OF THE LONG-RANGE ANTIFERROMAGNETIC ORDERING IN THE $S=1/2$ QUANTUM CHAIN SYSTEM $CuSb_2O_6$	4-ppm46	H
02:45PM-04:15PM		Huberman	T.	ONE AND TWO MAGNON NEUTRON SCATTERING STUDIES OF Rb_2MnF_4 , AN ISOTROPIC SPIN 5/2 TWO-DIMENSIONAL ANTIFERROMAGNET	4-ppm47	H
02:45PM-04:15PM	4-qpm-Nanostructures	Himeno	A.	Propagation velocity measurement of a magnetic domain wall in a submicron magnetic wire	4-qpm01	A
02:45PM-04:15PM		BOEGLIN	C.	In-plane magnetocrystalline anisotropy analysed by XMCD for Fe/Cu(111) nanostructures grown on stepped surfaces.	4-qpm02	A

02:45PM-04:15PM	4-qpm-Nanostructures - Chair: G. BOTTONI; E. Rastelli	GROSSINGER	R.	DEPENDENCE OF STRUCTURAL AND MAGNETIC PROPERTIES OF BARIUM-FERRITE ON PRODUCTION PROCEDURE	4-qpm03	A
02:45PM-04:15PM		Zvezdin	K.	Spontaneous Transformations of the Magnetic Structure of a Film Nanobridge	4-qpm04	A
02:45PM-04:15PM		ZHUKOV	A.A.	COERCIVITY OF 3D NANOSCALE MAGNETIC ANTI-DOT ARRAYS	4-qpm05	A
02:45PM-04:15PM		Kudasov	Yu. B.	GROUND STATE FOR COMPACT TRIMER ON A METALLIC SURFACE	4-qpm06	A
02:45PM-04:15PM		Rolff	H.	HALL- AND BEND-RESISTANCE MAGNETOMETRY ON NANOSTRUCTURED FERROMAGNETS	4-qpm08	A
02:45PM-04:15PM		Fujimori	HF	A HUGE FIELD INDUCED MAGNETIC ANISOTROPY IN METAL-INSULATOR NANOGRANULAR THIN FILMS	4-qpm09	A
02:45PM-04:15PM		Eleoui	M.	SELF-ORGANIZATION OF NANOMETERS-THICK FE STRIPES BY STEP-DECORATION	4-qpm10	A
02:45PM-04:15PM		Maroun	F.	PREPARATION AND MAGNETIC PROPERTIES OF COBALT/GOLD NANOSTRUCTURES ON SILICON (111)	4-qpm11	A
02:45PM-04:15PM		Atkinson	D	Magnetic domain wall velocity measurements in a permalloy nanowire	4-qpm12	A
02:45PM-04:15PM		Yu	C.C.	The magnetization reversal of Fe films on Ag submicrometer pyramidal islands	4-qpm13	A
02:45PM-04:15PM		Mozzati	M.C.	MAGNETIC PROPERTIES OF NANOSTRUCTURED SODIUM DOPED LANTHANUM MANGANITES	4-qpm14	A
02:45PM-04:15PM		Shirakashi	J.	SPM FABRICATION OF NANOMETERSCALE FERROMAGNETIC METAL-OXIDE DEVICES	4-qpm15	A
02:45PM-04:15PM		Shimizu	M.	FRACTIONAL CONDUCTANCE QUANTIZATION IN FERROMAGNETIC Ni QUANTUM-WIRE	4-qpm16	A
02:45PM-04:15PM		Urazhdin	S	COUPLING EFFECTS ON CURRENT-ASSISTED MAGNETIZATION SWITCHING	4-qpm17	A
02:45PM-04:15PM		Oster	J.	GROWTH OF Fe NANOSTRUCTURES	4-qpm18	A
02:45PM-04:15PM		Last	T.	Temperature dependent magnetoresistance measurements and magnetic properties of single permalloy nanowires	4-qpm19	A
02:45PM-04:15PM		Yaguchi	Y.	DOMAIN WALL STRUCTURE IN A JOINTED FERROMAGNETIC NANO-WIRE	4-qpm20	A
02:45PM-04:15PM		Palotas	K.	ELECTRIC TRANSPORT IN NANOSTRUCTURES: REAL SPACE AB-INITIO INVESTIGATIONS	4-qpm21	A
02:45PM-04:15PM		Reyes-Reyes	M	MAGNETIC PROPERTIES OF THE SMALL CLUSTER AS FUNCTION OF THE GEOMETRY	4-qpm22	A
02:45PM-04:15PM		Stewart	S. J.	MECHANICALLY INDUCED GROWTH OF MAGNETIC DOMAIN EFFECTIVE SIZE IN NANOCRYSTALLINE COPPER FERRITE	4-qpm23	A
02:45PM-04:15PM		Shingubara	S	ASPECT RATIO DEPENDENCE OF MAGNETIC HYSTERISYS PROPERTY OF HIGH DENSITY CO WIRE ARRAY BURIED IN POROUS ALUMINA TEMPLATE	4-qpm24	A
02:45PM-04:15PM		Hwang	C.	TAILORING THE MAGNETO-OPTIC KERR SIGNAL IN AG/FE/AG LAYER STRUCTURE	4-qpm25	A

02:45PM-04:15PM	4-qpm-Nanostructures - Chair: G. BOTTONI; E. Rastelli	Yartseva	N. S.	VECTOR-SIMULATED MAGNETISM OF Fe/V NANOSTRUCTURES	4-qpm26	A
02:45PM-04:15PM		DINO	W.A.	INDUCING SPIN POLARIZATION IN CARBON MATERIALS BY MAGNETIC ADSORBATES	4-qpm27	A
02:45PM-04:15PM		Hernando	A.	SPIN WAVES EXCITATIONS IN NANOCRYSTALLINE FE PARTICLES.	4-qpm28	A
02:45PM-04:15PM		Van Eek	S. M.	The structure and magnetic properties of Co films on Ni3Al(100)	4-qpm29	A
02:45PM-04:15PM		Nakatani	Y.	COMPUTER SIMULATION OF BLOCH POINT CONTAINING DOMAIN WALL MOTION WITHIN A NANOWIRE	4-qpm30	A
02:45PM-04:15PM		Eliseev	A.A.	ORDERED IRON NANOWIRES IN THE MESOPOROUS SILICA MATRIX.	4-qpm31	A
02:45PM-04:15PM		Franco	R.	Finite bands effects over the linear conductance through a Quantum Wire coupled with a Quantum Dot: X-boson treatment.	4-qpm32	A
02:45PM-04:15PM		Allwood	DA	Magnetic Field Operating Region for Submicrometre Magnetic NOT-gate Logic Structures	4-qpm33	A
02:45PM-04:15PM		Kasai	S.	QUANTUM TRANSPORT PROPERTIES IN FERROMAGNETIC NANO-RING AND WIRE	4-qpm34	A
02:45PM-04:15PM		Clifford	E	Large Magnetoresistance in MnBi point contacts	4-qpm35	A
02:45PM-04:15PM		Santos	J.A.M.	STATIC AND DYNAMIC TUNNEL CONDUCTION BETWEEN MAGNETIC NANOPARTICLES IN LAYERED STRUCTURES	4-qpm36	A
02:45PM-04:15PM		Sepelak	V.	Structural and Magnetic Properties of Nanosize Mechanosynthesized Nickel Ferrite	4-qpm37	A
02:45PM-04:15PM		Darques	M.	TAILORING OF THE C-AXIS ORIENTATION AND MAGNETIC ANISOTROPY IN ELECTRODEPOSITED COBALT NANOWIRES	4-qpm38	A
02:45PM-04:15PM		Marquina	C	SPIN POLARIZED TUNNELING MAGNETOTRANSPORT AND COULOMB BLOCKADE OF NANOMETRIC PARTICLES OF MANGANESE PEROVSKITES IN POROUS ALUMINA MEMBRANES	4-qpm39	A
02:45PM-04:15PM		Balseiro	C.A.	MAGNETIC MOMENT FORMATION AND TRANSPORT THROUGH QUANTUM POINT CONTACTS.	4-qpm40	A
02:45PM-04:15PM	Kamenetskii	E. O.	Energy eigenstates for magnetostatic oscillations in thin-film ferrite disks	4-qpm41	A	
02:45PM-04:15PM	4-rpm-Enhanced magnetoresistance (GMR and CMR) III - Chair: G. BOTTONI	Sánchez	D.	ELECTRON AND HOLE DOPING EFFECTS IN Sr2FeMoO6 DOUBLE PEROVSKITES	4-rpm01	G
02:45PM-04:15PM		Ahn	G. Y.	LOW-FIELD MAGNETORESISTANCE IN THE La-Sr-Mn-O GRANULAR THIN FILMS	4-rpm02	G
02:45PM-04:15PM		Lee	H. M.	ANISOTROPIC HYPERFINE FIELD FLUCTUATION IN La0.67Pb0.33Mn1-x57Fe4xO3	4-rpm03	G
02:45PM-04:15PM		Carvajal	E.	ELECTRONIC AND MAGNETIC PROPERTIES OF THE DOUBLE PEROVSKITE Sr2FeMoxW1-xO6.	4-rpm04	G
02:45PM-04:15PM		Zhukov	A.	MAGNETORESISTANCE IN Co-Ni-Cu GLASS COATED MICROWIRES.	4-rpm05	G
02:45PM-04:15PM		Sun	A. C.	MAGNETORESISTANCE OF SINTERED (Fe2O3)1-X(Fe3O4)X FERRITES	4-rpm06	G
02:45PM-04:15PM		Li	W. -H.	Mn magnetic ordering in fully oxygenated hexagonal Lu1-xScxMnO3 (x=0, 0.5, and 1)	4-rpm07	G

02:45PM-04:15PM	4-rpm-Enhanced magnetoresistance (GMR and CMR) III - Chair: G. BOTTONI	Gayathri	N.	UNUSUAL MAGNETISM AND ELECTRICAL TRANSPORT IN $\text{La}_{0.875}\text{Sr}_{0.125}\text{MnO}_3$ NANOCRYSTALLINE PARTICLES	4-rpm08	G
02:45PM-04:15PM		Wessely	O	ELECTRONIC STRUCTURE AND X-RAY SPECTROSCOPY OF $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$	4-rpm09	G
02:45PM-04:15PM		HART	C.	TRANSPORT PROPERTIES OF SILVER DOPED $\text{La}_{2/3}\text{MnO}_3$ PEROVSKITE	4-rpm10	G
02:45PM-04:15PM		Frontera	C.	MAGNETISM OF $\text{Bi}_{0.75}\text{Sr}_{0.25}\text{MnO}_3$ AND ITS DEPENDENCE ON BISMUTH CONCENTRATION.	4-rpm11	G
02:45PM-04:15PM		Mukovskii	Ya.	LOW-TEMPERATURE BEHAVIOR OF CMR MANGANITES IN MAGNETIC FIELD	4-rpm12	G
02:45PM-04:15PM		Konoto	M.	TEMPERATURE DEPENDENCE OF THE MAGNETIC DOMAIN STRUCTURE IN $\text{La}_{2-2x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ USING SPIN-POLARIZED SCANNING ELECTRON MICROSCOPY.	4-rpm13	G
02:45PM-04:15PM		Martinho	H.	MAGNONS AND PHONONS STUDIES IN BILAYERED MAGNETIC MANGANITE $\text{La}_{1-2x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ ($x=0.30$ and 0.50).	4-rpm14	G
02:45PM-04:15PM		Abdulvagidov	SH.B.	COMPETITION OF FLUCTUATIONS AND HYSTERESIS IN MANGANITES IN MAGNETIC FIELDS NEAR T_c	4-rpm15	G
02:45PM-04:15PM		THOMPSON	S.M.	CONTACTLESS MEASUREMENT OF COLOSSAL MAGNETORESISTANCE IN $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ USING THE INFRARED MAGNETOREFRACTIVE EFFECT.	4-rpm16	G
02:45PM-04:15PM		Aliev	A.M.	THERMAL CONDUCTIVITY OF $\text{Sm}_{1-x}\text{Sr}_x\text{MnO}_3$ MANGANITES IN MAGNETIC FIELDS UP TO 26 kOe	4-rpm17	G
02:45PM-04:15PM		Ranno	L	MANGANITE ANISOTROPIC MAGNETO RESISTANCE USING BRIDGE-PATTERNED FILMS	4-rpm18	G
02:45PM-04:15PM		Freitas	R. S.	MAGNETORESISTANCE IN PHASE-SEPARATED $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ MANGANITE	4-rpm19	G
02:45PM-04:15PM		Joumard	I.	SCANNING TUNNELING POTENTIOMETRY STUDIES OF LOCAL ELECTRONIC TRANSPORT IN MANGANESE OXIDES	4-rpm20	G
02:45PM-04:15PM		ARROYO	A.	ROOM-TEMPERATURE CMR IN MANGANITES WITH 50% MN 4+ BY GENERATION OF CATIONIC VACANCIES	4-rpm21	G
02:45PM-04:15PM		Bergenti	I	Magnetic Field Induced Variations in $\text{Pr}_{0.65}\text{Ca}_{0.35}\text{MnO}_3$: Raman investigation	4-rpm22	G
02:45PM-04:15PM		Figueiras	F.	STRUCTURAL AND MAGNETIC STUDY OF SELF- DOPED $\text{La}_{1-x-y}\text{Ca}_x\text{V}_y\text{MnO}_3$	4-rpm23	G
02:45PM-04:15PM		Rivas-Padilla	E. P.	STUDY OF MAGNETRANSPORT PROPERTIES IN MANGANITES WITH FIXED STRUCTRAL PARAMETERS	4-rpm24	G
02:45PM-04:15PM		Zajac	D.	NMR AND X-MCD STUDY OF La DOPED DOUBLE PEROVSKITE SrBaFeMoO_6	4-rpm25	G
02:45PM-04:15PM		Kapusta	Cz.	NMR STUDY OF LAYERED MANGANITE $\text{La}_{1.4}\text{Sr}_{1.6}\text{Mn}_2\text{O}_7$	4-rpm26	G
02:45PM-04:15PM		Garcia-Munoz	J.L.	MAGNETIC AND ELECTRONIC PROPERTIES OF THE OXYGEN-DEFICIENT DOUBLE PEROVSKITES $\text{PrBaCo}_2\text{O}_{5+d}$	4-rpm27	G
02:45PM-04:15PM		Xavier Jr	M. M.	LOW TEMPERATURE RESISTIVITY IN POLYCRYSTALLINE MANGANITES	4-rpm28	G
02:45PM-04:15PM		Lopes	A.M.L.	CADMIUM AND INDIUM DOPING OF Mn SITE IN $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$	4-rpm30	G
02:45PM-04:15PM		Freitas	R.S.	MAGNETIC AND TRANSPORT PROPERTIES OF $\text{Pr}_{0.5}\text{Sr}_{0.41}\text{Ca}_{0.09}\text{MnO}_3$ MANGANITE	4-rpm31	G
02:45PM-04:15PM		Jacobo	S.	MÖSSBAUER SPECTROSCOPY IN $\text{Sr}_2\text{FeMoO}_6$ PREPARED BY A NEW CHEMICAL ROUTE	4-rpm32	G

02:45PM-04:15PM	4-spm-Molecular magnetism (systems) II - Chair: G. BOTTONI; E. Rastelli	MORONTA	D.	Proposition for a stable, two layered magnetic structure, in a quasi-liquid system.	4-spm02	D
02:45PM-04:15PM		Lascialfari	A.	SPECIFIC HEAT AND μ SR MEASUREMENTS IN $\text{Gd}(\text{hfac})_3 \text{NiTiPr}$ MOLECULAR MAGNETIC CHAINS	4-spm03	D
02:45PM-04:15PM		Haase	W	Ferromagnetic versus blocking properties in Manganese(III)-Porphyrin-TCNE systems	4-spm04	D
02:45PM-04:15PM		Feyerherm	R.	LOW-TEMPERATURE MAGNETIZATION OF THE DISTORTED TRIANGULAR MAGNET MANGANESE TRICYANOMETHANIDE	4-spm05	D
02:45PM-04:15PM		Wolter	A.U.B.	^{13}C -NMR on the $S=1/2$ afm coupled spin chain compound $[\text{M}(\text{NO}_3)_2 \cdot (\text{H}_2\text{O})_2]_n$ (PM= pyrimidine)	4-spm06	D
02:45PM-04:15PM		Ito	T.	ANGLE-RESOLVED PHOTOEMISSION STUDY OF TEMPERATURE-DEPENDENT FERMI SURFACE TOPOLOGY ON QUASI-ONE-DIMENSIONAL ORGANIC CONDUCTOR TTF-TCNQ	4-spm08	D
02:45PM-04:15PM		MATSUO	A.	HIGH-FIELD MAGNETIZATION PROCESS IN THE $S=1/2$ CHAIN $\text{PMYCU}(\text{NO}_3)_2 \cdot (\text{H}_2\text{O})_n$ (PM=PYRIMIDINE)	4-spm09	D
02:45PM-04:15PM		Takagi	S.	ANISOTROPIC PRESSURE DEPENDENCE OF THE MAGNETISM OF A SPIN-PEIERLS SUBSTANCE: MEM-ITCNQI2	4-spm10	D
02:45PM-04:15PM		SIMONET	V.	MICRO HALL MAGNETOMETRY ON A CO ORGANIC CHAIN COMPOUND	4-spm11	D
02:45PM-04:15PM		Lhotel	E.	Unusual magnetic properties of a metallo-organic chain	4-spm12	D
02:45PM-04:15PM		Sieklucka	B.	Ferromagnetic ordering in new layered copper octacyanomethylates	4-spm13	D
02:45PM-04:15PM		Bauer	E.M.	SYNTHESIS AND MAGNETIC PROPERTIES OF A NEW Cr(II) AMMONIUM-ETHYL PHOSPHONATE: $\text{Cr}_1.5[\text{H}_3\text{N}(\text{CH}_2)_2\text{PO}_3](\text{SO}_4) \cdot 2\text{H}_2\text{O}$	4-spm15	D
02:45PM-04:15PM		Coldea	A I	THE ROLE OF MAGNETIC IONS IN THE MAGNETOTRANSPORT PROPERTIES OF THE CHARGE-TRANSFER SALT $\beta^{\text{an}}\text{-(BEDT-TTF)}_4[(\text{H}_3\text{O})_3(\text{C}_2\text{O}_4)_3](\text{C}_5\text{H}_5\text{N})$ WHERE $\text{M}=\text{GA}^{3+}$, CR^{3+} AND FE^{3+}	4-spm16	D

02:45PM-04:15PM	4-spm-Molecular magnetism (systems) II - Chair: G. BOTTONI; E. Rastelli	Lazarov	N. Dj.	MAGNETIC SUSCEPTIBILITY CALCULATION OF THE DINUCLEAR COBALT COMPLEX [Co ₂ (ox)tpmc](ClO ₄) ₂ ·3H ₂ O.	4-spm18	D	
02:45PM-04:15PM		Sakamoto	H.	Magnetic studies in mixed stack charge-transfer compound (BEDT-TTF)(ClMeTCNQ)	4-spm19	D	
02:45PM-04:15PM		Guskos	N	MAGNETIC PROPERTIES OF RARE-EARTH HYDRAZONE COMPOUNDS.	4-spm20	D	
02:45PM-04:15PM		Fardis	M.	Ferromagnetism in an extended three dimensional, diamond like Copper(II) complex	4-spm21	D	
02:45PM-04:15PM		Tajiri	T.	MAGNETIC PROPERTIES OF ISOSTRUCTURAL SPIN-LADDER SYSTEMS:(C ₅ H ₁₂ N) ₂ CuCl ₄ AND (C ₅ H ₁₂ N) ₂ CuCl ₂ Br ₂	4-spm22	D	
02:45PM-04:15PM		Sugawara	T.	NOVEL ORGANIC SPIN SYSTEM DERIVED FROM SPIN-POLARIZED DONOR	4-spm23	D	
02:45PM-04:15PM		VAZ	M.G.F.	STRUCTURAL AND MAGNETIC PROPERTIES IN m-PHENYLENE BRIDGED o-IMINOSEMIQUINONATO METAL COMPLEXES	4-spm24	D	
02:45PM-04:15PM		Drzazga	Zofia	Magnetic properties of some meso-totyl- and meso-pyridylporphyrins and their metal derivatives	4-spm25	D	
02:45PM-04:15PM		Hiraoka	M.	SPIN SOLITON DYNAMICS AND PRESSURE EFFECTS ON SPIN-PEIERLS STATE IN (DMe-DCNQI) 2 M (M=Li, Ag).	4-spm26	D	
02:45PM-04:15PM		LUNEAU	D.	MAGNETIC AND OPTICAL PROPERTIES IN METALLO-ORGANIC COMPOUNDS	4-spm27	D	
02:45PM-04:15PM		4-tpm-Numerical methods and Monte-carlo simulations - Chair: G. BOTTONI; F. Spizzo	Vande Sande	H.	A Hybrid Statistical Model of the Magnetic Anisotropy of Goss Textured Silicon Steel	4-tpm01	J
02:45PM-04:15PM			Stepanek	J.	FAST DYNAMIC MODELING OF MAGNETIC MICRO-ACTUATOR	4-tpm02	J
02:45PM-04:15PM	Jesenik		M.	MAGNETIC FIELD IN THE SAMPLE OF 2D R.R.S.S.T. AND IN THE SAMPLE OF 2D S.R.S.S.T.	4-tpm03	J	
02:45PM-04:15PM	Adly		A.A.	FIELD COMPUTATION IN NONLINEAR MAGNETIC MEDIA USING PARTICLE SWARM OPTIMIZATION	4-tpm04	J	
02:45PM-04:15PM	Scholz		W.	Implementation of a High Performance Parallel Finite Element Micromagnetics Package	4-tpm05	J	
02:45PM-04:15PM	Zhang		Y H	COMPUTATION OF IRON CORE LOSSES IN SWITCHED RELUCTANCE MOTOR BASED ON FIELD-CIRCUIT-MOTION COUPLED FINITE ELEMENT ANALYSIS	4-tpm06	J	
02:45PM-04:15PM	Cho		Y.H.	THE MAGNETIC COUPLING COEFFICIENTLY CALCULATION OF A CONTACT-LESS POWER SUPPLY.	4-tpm07	J	
02:45PM-04:15PM	Jang		G.H.	EFFECT OF THE ASYMMETRIC MAGNETIC FIELD DUE TO THE BROKEN ROTOR BAR IN A SINGLE PHASE INDUCTION MOTOR	4-tpm08	J	
02:45PM-04:15PM	Berkov		D.V.	ADAPTATION AND PERFORMANCE OF THE FAST MULTIPOLE METHOD FOR DIPOLAR SYSTEMS	4-tpm09	J	
02:45PM-04:15PM	Zamboni		W.	A NEW APPROACH TO COMPUTATIONS OF FORCES IN MAGNETIC FLUIDS	4-tpm10	J	
02:45PM-04:15PM	Vieille		B V	Modeling of the effect of stress on the behavior of a polycrystalline ferrimagnetic material	4-tpm11	J	
02:45PM-04:15PM	Ribeiro		A. L.	Magnetic Field and Force Evaluation in Open Boundary Axisymmetric Structures	4-tpm12	J	

02:45PM-04:15PM	4-tpm-Numerical methods and Monte-carlo simulations - Chair: G. BOTTONI; F. Spizzo	Higuchi	K.	DENSITY FUNCTIONAL THEORY WITH ARBITRARY BASIC VARIABLES	4-tpm13	J	
02:45PM-04:15PM		DJENNAH	M.	NUMERICAL COMPUTING OF THE STATIC MAGNETIC FIELD DISTURBED BY A FERROMAGNETIC THIN HULL	4-tpm14	J	
02:45PM-04:15PM		Wang	Hongta	REDUCTION OF INDUCTANCE AND ENHANCING ITS ROBUSTNESS FOR WRITE HEAD	4-tpm15	J	
02:45PM-04:15PM		Tikhonov	D.	NEW ALGORITHM OF REALIZATION OF THE COMBINED FINITE AND BOUNDARY ELEMENTS METHOD FOR SIMULATION OF ELECTROMAGNETIC PROCESSES	4-tpm16	J	
02:45PM-04:15PM		TROHIDOU	K.N.	THERMAL DECAY OF THE MAGNETIZATION IN TWO-DIMENSIONAL NANOPARTICLE ENSEMBLES	4-tpm17	J	
02:45PM-04:15PM		Soika	E.	MAGNETIC FIELD MEASUREMENTS AND NUMERICAL SIMULATION OF THE CURRENT DISTRIBUTION IN THE EMITTER REGION OF SOLAR CELL	4-tpm18	J	
02:45PM-04:15PM		Lobry	J.	A new efficient technique for solving 3-D magnetostatic problems	4-tpm19	J	
02:45PM-04:15PM		KATO	T. K.	RELAXATION TIMES OF SPIN CLUSTERS IN GRIFFITH PHASE	4-tpm20	J	
02:45PM-04:15PM		Murtazaev	A.K.	INVESTIGATION ON THE CRITICAL DYNAMICS OF THE REAL ANTIFERROMAGNET Cr_2O_3	4-tpm21	J	
02:45PM-04:15PM		Iwashita	T.	Monte Carlo simulation on Ising spin system with two-spin and four-spin interactions	4-tpm22	J	
02:45PM-04:15PM		Murtazaev	A.K.	THE INVESTIGATION OF CRITICAL BEHAVIOUR OF 3d WEAKLY DILUTED ISING'S MODEL BY MONTE-CARLO METHOD	4-tpm23	J	
02:45PM-04:15PM		Magdon-Maksymowicz	M. S.	TEMPERATURE DEPENDENCE OF SWITCHING CURVE FOR SPACE-OSCILLATING FIELD IN ANTIFERROMAGNETIC ISING MODEL	4-tpm24	J	
02:45PM-04:15PM		Murtazaev	A.K.	QUANTUM MONTE CARLO STUDY OF A TWO DIMENSIONAL HEISENBERG MODEL	4-tpm25	J	
02:45PM-04:15PM		Stewart	J R	Reverse Monte-Carlo modelling of magnetic and nuclear short range order in beta-Mn alloys	4-tpm26	J	
02:45PM-04:15PM		Matsubara	F.	COMPUTER SIMULATION OF MAGNETIC DOMAINS IN ULTRATHIN MAGNETIC FILMS WITH A FEW MONOLAYERS	4-tpm27	J	
02:45PM-04:15PM		Restrepo	J.	EFFECTS OF SURFACE ANISOTROPY AND VACANCIES IN FERROMAGNETIC NANOPARTICLES.	4-tpm28	J	
02:45PM-04:15PM		LEDUE	D.	Monte Carlo study of the thermally activated magnetisation reversal in a single nanoparticle	4-tpm29	J	
02:45PM-04:15PM		Menezes	F.S.	SPATIAL CORRELATION FUNCTION AND LONG-RANGE INTERACTION IN SMALL MAGNETIC SYSTEMS	4-tpm30	J	
02:45PM-04:15PM		Iglesias	Óscar	SHAPE AND SURFACE ANISOTROPY EFFECTS ON THE HYSTERESIS OF FERRIMAGNETIC NANOPARTICLES	4-tpm31	J	
02:45PM-04:15PM		Berkov	D.V.	MICROMAGNETIC SIMULATIONS USING LANGE-VIN DYNAMICS: STUDYING THERMAL FIELD CORRELATIONS	4-tpm32	J	
02:45PM-04:15PM		4-upm	CAI	C.M.	Frequency output type MI magnetic sensor using amorphous wire CMOS multivibrator	4-upm01	B

02:45PM-04:15PM	4-upm-Applications II - Chair: G. BOTTONI; M. Solzi	Schepper	W.	SINGLE MOLECULE DETECTION WITH MAGNETIC BEADS - COMPUTER SIMULATION	4-upm02	B
02:45PM-04:15PM		ISHINO	RI	The effect of snot peening on improvement of a magnetostrictive torque sensor with helical threads	4-upm03	B
02:45PM-04:15PM		Kawahata	T.	PROPAGATION PROPERTIES OF MAGNETO-SURFACE-ACOUSTIC-WAVES IN FeB AMORPHOUS FILMS DEPOSITED ON InSb SEMICONDUCTOR FILMS	4-upm04	B
02:45PM-04:15PM		García	A.	ELECTRODEPOSITED MULTILAYERS AMORPHOUS CORES FOR FLUXGATE SENSORS	4-upm05	B
02:45PM-04:15PM		Park	D.G.	THE DIAGNOSIS OF THERMAL AGED INCONEL 600 USING GIANT MAGNETOIMPEDANCE SENSOR	4-upm06	B
02:45PM-04:15PM		Wan	H.	AN ANALOG SIGNAL ISOLATOR BY USING MAGNETIC SENSOR	4-upm07	B
02:45PM-04:15PM		Bydzovsky	J.	MAGNETOELASTIC STRAIN SENSORS FOR THE OUTDOORS APPLICATION.	4-upm08	B
02:45PM-04:15PM		Stobiecki	F.	GMR SENSORS WITH LINEAR AND UNHYSTERETIC R(H) DEPENDENCES.	4-upm09	B
02:45PM-04:15PM		Talijan	N.	OPTICAL FIBERS WITH COMPOSITE MAGNETIC COATING FOR MAGNETIC FIELD SENSING	4-upm10	B
02:45PM-04:15PM		Bolshakova	I.	METHOD AND FACILITIES FOR INVESTIGATION OF PERMANENT MAGNET STABILITY IN RADIATION CONDITIONS	4-upm12	B
02:45PM-04:15PM		Lee	Heebo	MEASUREMENT OF 3-AXIS LOW FREQUENCY AC MAGNETIC FIELD USING AMORPHOUS RIBBONS	4-upm13	B
02:45PM-04:15PM		Osada	H.	MAGNETIC ENZYME SENSOR WITH WIRELESS MAGNETIC TEMPERATURE SENSING DEVICE	4-upm14	B
02:45PM-04:15PM		González-Guerrero	M.	HYBRID FERRITE-AMORPHOUS PLANAR FLUXGATE	4-upm15	B
02:45PM-04:15PM		PETRIDIS	C.	CONTACTLESS AND CORDLESS STRESS SENSORS BASED ON DELAY LINES FOR CIVIL AND MINING ENGINEERING APPLICATIONS	4-upm16	B
02:45PM-04:15PM		Wang	N	Application of a hysteresis model to high frequency micro-transformers	4-upm17	B
02:45PM-04:15PM		SEO	J.W.	DESIGN AND FABRICATION OF A MAGNETIC MICROFLUIDIC LIGHT MODULATOR USING MAGNETIC FLUID	4-upm18	B
02:45PM-04:15PM		Zana	I.	ELECTRODEPOSITED Co-Pt MICRON-SIZE MAGNETS WITH PERPENDICULAR ANISOTROPY FOR MEMS APPLICATIONS.	4-upm19	B
02:45PM-04:15PM		CHEW	Kok-Ki	Time-Varying, Non-Synchronous Disturbance Identification and Cancellation	4-upm20	B
02:45PM-04:15PM		GURLEYUK	S. S.	AN OPTIMIZATION METHOD FOR CONTROL OF STEP MOTORS	4-upm21	B
02:45PM-04:15PM		OKA	H.	MAGNETIC ATTRACTION CHARACTERISTICS OF COATING-TPE MAGNETIC WOOD WITH ACTUATING FUNCTIONS	4-upm22	B
02:45PM-04:15PM		WOLBANK	Th.M.	SEPARATING ANISOTROPIC MATERIAL EFFECTS IN THE CONTROL SIGNALS OF INVERTER-FED AC MACHINES	4-upm23	B
02:45PM-04:15PM		Torabzadeh-Tari	M.	A QUASI-STATIC MODELLING APPROACH OF ELECTROMECHANICAL ACTUATORS	4-upm24	B
02:45PM-04:15PM		Austrin	L.	A MODELLING APPROACH OF MAGNETIC AMPLIFIERS	4-upm25	B

02:45PM-04:15PM	4-upm-Applications II - Chair: G. BOTTONI; M. Solzi	Buioca	C.D.	THE IMPROVEMENT OF ELECTROMAGNETIC ACTUATORS USING MAGNETIC FLUIDS	4-upm27	B
02:45PM-04:15PM		SAKAMOTO	Y.	DEVELOPMENT OF A THREE-PHASE PARAMETRIC INDUCTION MOTOR EXCITED BY A SINGLE-PHASE POWER SUPPLY	4-upm28	B
02:45PM-04:15PM		Stumberger	B.	OUTPUT POWER CAPABILITY IMPROVEMENT IN A FLUX-WEAKENED PERMANENT MAGNET SYNCHRONOUS MOTOR WITH A THIRD HARMONIC CURRENT INJECTION	4-upm29	B
02:45PM-04:15PM		Stumberger	B.	ACCURACY OF IRON LOSS ESTIMATION IN INDUCTION MOTORS BY USING DIFFERENT IRON LOSS MODELS	4-upm30	B
02:45PM-04:15PM		Atallah	K	HIGH PERFORMANCE MAGNETIC GEARS	4-upm31	B
02:45PM-04:15PM		Ohji	T.	A NEW CONVEYOR SYSTEM ON THE BASIS OF A PASSIVE MAGNETIC LEVITATION UNIT HAVING REPULSIVE TYPE MAGNETIC BEARINGS.	4-upm32	B
02:45PM-04:15PM		Takezawa	M.	Optimum Driving of Magnetostrictive Amorphous Wire Micro-Motor	4-upm33	B
02:45PM-04:15PM		Schofield	N	NOVEL ELECTRO-MAGNETIC TEST FACILITY FOR THE CALIBRATION OF A PROPULSOR FLUCTUATING FORCE MODULE	4-upm34	B
02:45PM-04:15PM		Yamazaki	A.	WIRELESS MICRO SWIMMING MACHINE WITH MAGNETIC THIN FILM	4-upm35	B
02:45PM-04:15PM		Kallenbach	E.	INVESTIGATIONS FOR THE CONFIGURATION OF INTEGRATED MAGNETIC LEVITATED MULTI-COORDINATE DRIVES	4-upm36	B
02:45PM-04:15PM		Park	Y. W.	Control of a Magnetostrictive Actuator with Feedforwarding Inverted Hysteresis	4-upm37	B
02:45PM-04:15PM		Davino	D.	RATE-DEPENDENT LOSSES MODELLING FOR MAGNETOSTRICTIVE ACTUATORS	4-upm38	B
02:45PM-04:15PM		Howe	D	HIGH TORQUE DENSITY PERMANENT MAGNET MACHINES WITH SIMILAR SLOT AND POLE NUMBERS	4-upm39	B
02:45PM-04:15PM		Calverley	S D	LATCHING ACTUATORS FOR FLOW-CONTROL VALVES	4-upm40	B
02:45PM-04:15PM		Park	Y. W.	Development of a Magnetostrictive Microactuator for Nanomanipulation	4-upm41	B
02:45PM-04:15PM		Hwang	S. M.	NEW DEVELOPMENT OF HI-FI MICROSPEAKERS WITH A WOOFER AND A TWEETER USED FOR MOBILE PHONES	4-upm42	B
02:45PM-04:15PM		Mitchell	K.	Analytical Modelling of the Air-gap Field in Reciprocating Moving-Magnet Actuators	4-upm43	B
02:45PM-04:15PM		AYUELA	Andres	MODULATION IN STRUCTURES OF MAGNETIC-SHAPE-MEMORY ALLOY Ni ₂ MnGa	4-upm44	B
02:45PM-04:15PM		OIAKSSIM	A.	CONTROL OF THE SYNTHESIS OF MAGNETIC FLUIDS BY RELAXOMETRY AND MAGNETOMETRY	4-upm45	B
02:45PM-04:15PM		LAURENT	S.	VECTORIZED NANOPARTICLES, A POWERFUL CLASS OF CONTRAST AGENT FOR MRI	4-upm46	B
02:45PM-04:15PM	Jozefczak	A.	ULTRASONIC STUDY OF THE EFFECT OF TIME OF THE FERROFLUID EXPOSURE TO MAGNETIC FIELD ON ITS STRUCTURE	4-upm47	B	

02:45PM-04:15PM	4-vpm-Surfaces and interfaces - Chair: G. BOTTONI; C. Mazzoli	Spisak	D	THEORETICAL ANALYSIS OF ULTRATHIN FCC FE FILMS ON CU(111) SUBSTRATES	4-vpm01	F
02:45PM-04:15PM		PRATZER	M.	Magnetic and structural investigations of ultrathin film Co-Fe alloys on W(110)	4-vpm02	F
02:45PM-04:15PM		Prandolini	M.J.	Symmetry Independence of Magnetic Hyperfine Fields at Cd Atoms on Ni Surfaces	4-vpm03	F
02:45PM-04:15PM		PRINCIPI	G.	Structural Characterisation of Epitaxial Fe/Cr Multilayers Using Anomalous X-ray and Neutron Reflectivity	4-vpm04	F
02:45PM-04:15PM		SHERN	C.S.	INTERFACE STRUCTURE AND MAGNETIC PROPERTIES OF Co/Ag/Pt /111)	4-vpm05	F
02:45PM-04:15PM		Portalupi	M.	ELECTRONIC AND MAGNETIC PROPERTIES OF NiO/Fe(001) AND Fe/NiO/Fe(001) OVERLAYERS	4-vpm07	F
02:45PM-04:15PM		Jang	Y. -R.	SURFACE AND INTERFACE MAGNETISM OF V OVERLAYERS ON W(001)	4-vpm08	F
02:45PM-04:15PM		Kim-Ngan	N.-T.H	INVESTIGATION OF THE Fe ₃ O ₄ (001) SURFACE BY LOW-ENERGY He ⁺ IONS SCATTERING	4-vpm09	F
02:45PM-04:15PM		Lee	J. I.	A FIRST-PRINCIPLES STUDY ON SURFACE AND INTERFACEMAGNETISM OF Fe/FeSi(001)	4-vpm10	F
02:45PM-04:15PM		Kim	I. G.	THICKNESS DEPENDENCE OF MAGNETISM IN V/Ag(001): A FIRST-PRINCIPLES STUDY	4-vpm11	F
02:45PM-04:15PM		Kang	B.S.	INTERFACIAL INTERMIXING AND MAGNETIC PROPERTIES OF Cr _n /Cu.	4-vpm12	F
02:45PM-04:15PM		Esquinazi	P.	MAGNETIC SIGNALS OF PROTON IRRADIATED SPOTS CREATED ON HIGHLY ORIENTED PYROLYTIC GRAPHITE SURFACE	4-vpm13	F
02:45PM-04:15PM		Bobo	J.F.	GROWTH AND MAGNETISM OF COBALT NANO-WIRES, NANOCRYSTALS AND CONTINUOUS FILMS ON NANOFACETED NiO (110).	4-vpm14	F
02:45PM-04:15PM		Hrabovsky	D.	EXCHANGE ANISOTROPY IN Co/NiO BILAYERS. TIME DEPENDENT EFFECTS.	4-vpm15	F
02:45PM-04:15PM		Maca	F.	THE SPIN REORIENTATION TRANSITION ON Ni/Cu(001) SURFACE COVERED WITH HYDROGEN	4-vpm16	F
02:45PM-04:15PM		Kimura	A.	SOFT X-RAY MAGNETIC CIRCULAR DICHROISM OF c(2x2) CuMn ORDERED SURFACE ALLOY	4-vpm17	F
02:45PM-04:15PM		Thamankar	R.	TUNING SPIN REORIENTATION TRANSITION OF Ni/CU(100) BY FE CAP LAYERS	4-vpm18	F
02:45PM-04:15PM		Ponomareva	A.V.	Ab-initio investigations on magnetism at PdV(001) and MoV(001) surfaces	4-vpm19	F
02:45PM-04:15PM		Spoddig	D.	FERROMAGNETIC RESONANCE INVESTIGATION OF MAGNETIC PROPERTIES OF RELAXED AND NON-RELAXED EPITAXIAL FE FILMS ON INAS	4-vpm20	F
02:45PM-04:15PM		Meckenstock	R.	ANISOTROPIC GILBERT DAMPING IN EPITAXIAL FE FILMS ON INAS (001)	4-vpm21	F
02:45PM-04:15PM		Uchida	H.	STM OBSERVATION OF ENHANCED ATOMIC MIGRATION BY Ni TIP ON Au(111) SURFACE	4-vpm22	F
02:45PM-04:15PM		NIKLISSON	Anders	INTERFACE MAGNETISM OF TRANSITION METAL LAYERS	4-vpm23	F
02:45PM-04:15PM		ROY	P.E.R.	SURFACE AND INTERFACE MAGNETIC PROPERTIES OF La _{0.7} Sr _{0.3} MnO	4-vpm24	F
02:45PM-04:15PM		Barral	M. A.	Co adatoms on Cu(111): hybridization with the Shockley surface state band	4-vpm25	F
02:45PM-04:15PM		Gardonio	S.	MAGNETIC MOMENT OF ISOLATED ADATOMS ON METAL SURFACES	4-vpm26	F

02:45PM-04:15PM	4-vpm-Surfaces and interfaces - Chair: G. BOTTONI; C. Mazzoli	Goering	E.	RESONANT MAGNETIC REFLECTIVITY: A QUANTITATIVE TOOL FOR MAGNETIC DEPTH PROFILING OF SINGLE LAYERS	4-vpm27	F
02:45PM-04:15PM		Luches	P.	Interface chemistry and exchange coupling in Fe/NiO(001) layer structures.	4-vpm28	F
02:45PM-04:15PM		Kingetsu	T.	CONTRIBUTION OF STRAIN IN MAGNETIC LAYERS TO THE PERPENDICULAR MAGNETIC ANISOTROPY OF EPITAXIAL SUPERLATTICES.	4-vpm29	F
02:45PM-04:15PM		Haq	E	BALLISTIC ELECTRON EMISSION MICROSCOPY OF FERROMAGNETIC THIN FILMS	4-vpm30	F
02:45PM-04:15PM		Thomas	Luc	EXCHANGE-BIAS IN TEXTURED NiO / FeNi BILAYERS WITH DIFFERENT ORIENTATIONS	4-vpm31	F
02:45PM-04:15PM		Lukaszew	R. A.	SELF-ASSEMBLED SURFACE NANOPATTERNING AND MAGNETIC ANISOTROPY	4-vpm32	F
02:45PM-04:15PM		Eckert	J. C.	The coercivity and exchange bias dependence on substrate roughness in Co/Ag/CoO multilayers	4-vpm33	F
02:45PM-04:15PM		Azevedo	A.	ON THE CONTROVERSIAL MEASUREMENTS OF THE EXCHANGE-BIAS FIELD IN MAGNETIC BILAYERS	4-vpm34	F
02:45PM-04:15PM		Kwon	Young	FIRST-PRINCIPLES CALCULATIONS ON MAGNETIC STRUCTURES OF CrAu3 NANO FILMS: SIZE EFFECT	4-vpm36	F
02:45PM-04:15PM		Meza-Aguilar	S.	THE MAGNETIC MAP OF THIN MN OVERLAYERS ON Ni(001)	4-vpm37	F
02:45PM-04:15PM		Kuo	C. C.	Comparative study of gamma iron films grown on Cu and Fe-Mn alloy layers	4-vpm38	F
02:45PM-04:15PM		M'Passi-Mabiala	B.	MNFE SURFACE ORDERED ALLOY ON CO(001) FCC SUBSTRATE	4-vpm39	F
02:45PM-04:15PM	4-wpm-Ferrites, garnets and microwave materials II - Chair: G. BOTTONI; M. Solzi	Almokhtar	M.	PHASE ANALYSIS STUDY OF COPPER FERRITE ALUMINATES BY X-RAY DIFFRACTION AND MOSSBAUER SPECTROSCOPY	4-wpm01	E
02:45PM-04:15PM		Pieper	M. W.	LARGE POLARONS IN RARE-EARTH DOPED HEXAFERRITES OBSERVED BY NMR	4-wpm02	E
02:45PM-04:15PM		Diaz-Castanon	S.	THE OPTIMUM SYNTHESIS OF HIGH COERCIVITY Pb-M HEXAFERRITE POWDERS USING MODIFICATIONS TO THE TRADITIONAL CERAMIC ROUTE	4-wpm03	E
02:45PM-04:15PM		Montiel	H.	FERROMAGNETIC RESONANCE STUDY OF Cu-DOPED Ni-Zn FERRITES	4-wpm04	E
02:45PM-04:15PM		Kasagi	T.	COMPLEX PERMEABILITY OF PERMALLOY-FERRITE HYBRID COMPOSITE MATERIALS	4-wpm05	E
02:45PM-04:15PM		Kum	J. S.	MAGNETIC PROPERTIES OF Ce-SUBSTITUTED YTTRIUM IRON GARNET FERRITE THIN FILMS AND POWDERS FABRICATED USING A SOL-GEL METHOD	4-wpm06	E
02:45PM-04:15PM		Choi	S. H.	PREPARATION AND CHARACTERISTICS OF Fe3O4-ENCAPSULATED BaTiO3 POWDER BY ULTRASOUND-ENHANCED FERRITE PLATING	4-wpm07	E
02:45PM-04:15PM		Doh	S. G.	CHARACTERISTICS AND SYNTHESIS OF Cu-Ni FERRITE NANOPOWDERS BY COPRECIPITATION METHOD WITH ULTRASOUND IRRADIATION	4-wpm08	E

02:45PM-04:15PM	4-wpm-Ferrites, garnets and microwave materials II - Chair: G. BOTTONI; M. Solzi	Kakizaki	K.	MAGNETIC PROPERTIES OF La-Co SUBSTITUTED BARIUM FERRITE THIN FILMS WITH LARGE MAGNETIC ANISOTROPY	4-wpm09	E
02:45PM-04:15PM		Lagutin	A.S.	QUANTUM JUMPS OF MAGNETIZATION IN FERRIMAGNET WITH ANTIFERROMAGNETIC IMPURITIES	4-wpm10	E
02:45PM-04:15PM		Zhang	X.	Analyses of Heat Generation in Magnetic Inductive Heating of Ferrite	4-wpm11	E
02:45PM-04:15PM		Ahmed	T. T.	EFFECT OF COPPER ION DISTRIBUTION ON THE MAGNETIZATION OF NANOSCALED NiZnCu FERRITE	4-wpm12	E
02:45PM-04:15PM		Duhalde	S.	RARE EARTH INFLUENCE ON THE STRUCTURAL AND MAGNETIC PROPERTIES OF NiZn FERRITES	4-wpm14	E
02:45PM-04:15PM		FU	Y.	MICROWAVE-INDUCED COMBUSTION SYNTHESIS OF YTTRIUM IRON GARNET NANO-POWDERS AND THEIR CHARACTERIZATIONS	4-wpm15	E
02:45PM-04:15PM		Lee	J. W.	MAGNETO-OPTICAL PROPERTIES OF Bi-YIG NANOPARTICLES DISPERSED IN THE ORGANIC BINDER	4-wpm16	E
02:45PM-04:15PM		JOSEYPHUS	R. Just	MECHANOCHEMICAL DECOMPOSITION OF Gs3Fe5O12 GARNET PHASE	4-wpm17	E
02:45PM-04:15PM		GUILLOT Maurice	G.M.	MAGNETIC AND MAGNETO-OPTICAL PROPERTIES OF SCANDIUM-SUBSTITUTED YTTERBIUM IRON GARNET UNDER « EXTREME » CONDITIONS.	4-wpm18	E
02:45PM-04:15PM		Singh	L. N.	FERROMAGNETIC RESONANCE AND RELAXATION IN LPE-GROWN BISMUTH SUBSTITUTED EUROPIUM IRON GARNET FILMS	4-wpm19	E
02:45PM-04:15PM		Adachi	N	In-plane Magnetic Anisotropy of LPE Garnet Film Grown on (111) and (100) Substrates as Magneto-optical Indicator	4-wpm20	E
02:45PM-04:15PM		Hansen	R. W.	GROWTH AND SENSITIVITY OF (100) BISMUTH-SUBSTITUTED GARNETS	4-wpm21	E
02:45PM-04:15PM		Kim-Ngan	N.-T.H	INFLUENCE OF METAL-INSULATOR PHASE TRANSITION ON LOW-ENERGY Ar+ IONS SCATTERING FROM Fe3O4 (001) SURFACE.	4-wpm22	E
02:45PM-04:15PM		Starostenko	S.N.	Microwave Permeability of laminates with thin Fe-based films	4-wpm23	E
02:45PM-04:15PM		Albuquerque	A. S.	STRUCTURAL AND MAGNETIC PROPERTIES OF NiFe2O4 - SnO2 NANOPOWDERS	4-wpm24	E
02:45PM-04:15PM		Le Breton	J.M.	STRUCTURAL ANALYSIS OF CO-PRECIPIATED Sr1-xLaxFe12-xCoxO19 POWDERS	4-wpm25	E
02:45PM-04:15PM		Jie Hui Yang	J H Y	WHAT ARE THE MAIN FACTORS IN DETERMINING THE MAGNETO-OPTICAL BEHAVIOR IN MAGNETIC INSULATORS?	4-wpm26	E
02:45PM-04:15PM		Bezus	A.V.	THE SPIN-REORIENTATION PHASE TRANSITIONS IN THE DOMAIN STRUCTURES IN THE THIN FERRITE-GARNET FILMS.	4-wpm27	E
02:45PM-04:15PM		Palomares	S.	STRUCTURAL STUDY OF THE FORMATION OF M-Pb.	4-wpm28	E

02:45PM-04:15PM	4-xpm-Magnetic tunnelling junctions I - Chair: G. BOTTONI; F. Spizzo	De Santis	A.	EFFECT OF OXYGEN POST-ANNEALING ON THE MAGNETORESISTENCE OF HIGHLY EPITAXIAL $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ THIN FILMS.	4-xpm23	I
02:45PM-04:15PM		Kalitsov	Alan	IMPURITY-INDUCED ENHANCEMENT OF TUNNELING MAGNETORESISTANCE IN MAGNETIC DOUBLE BARRIER JUNCTIONS	4-xpm24	I
02:45PM-04:15PM		Haftak	E. J.	EVALUATION OF NOISE IN MAGNETIC TUNNELING JUNCTIONS	4-xpm25	I
02:45PM-04:15PM		Lim	W. C.	Effect on switching characteristics of free layer thickness in magnetic tunnel junction	4-xpm26	I
02:45PM-04:15PM		Bibes	M.	TUNNEL MAGNETORESISTANCE IN TUNNEL JUNCTIONS BASED ON $\text{Sr}_2\text{FeMoO}_6$	4-xpm27	I
02:45PM-04:15PM		Stobiecki	Tomas	THE INFLUENCE OF NiFe THICKNESS OF TOP-ELECTRODE ON EXCHANGE COUPLING PARAMETERS OF IrMn_3 BASED MTJ	4-xpm28	I
02:45PM-04:15PM		Ando	Y.	FERROMAGNETIC TUNNEL JUNCTIONS WITH HIGH THERMAL STABILITY	4-xpm29	I
02:45PM-04:15PM		Oogane	M.	TUNNEL SPECTRA FOR $\text{Al}/\text{Al-OXIDE}/\text{Ni}_{80}\text{Fe}_{20}$ JUNCTIONS UNDER THE SUPERCONDUCTING TRANSITION TEMPERATURE OF Al FILMS.	4-xpm30	I
02:45PM-04:15PM		Zvezdin	K.	SPIN-ACCUMULATION EFFECT AND DOMAIN WALL MAGNETORESISTANCE IN MAGNETIC NANOBRIDGES	4-xpm31	I
02:45PM-04:15PM		Nakajima	K.	Spin-dependent single electron tunnelling in double tunnel junctions with a nano granular layer	4-xpm32	I
02:45PM-04:15PM		Kunii	K.	ANOMALOUS LONGITUDINAL NUCLEAR SPIN RELAXATION IN $\text{TlBa}_2(\text{Ca},\text{Y})\text{Cu}_2\text{O}_7$ AT THE NON-SUPERCONDUCTING-SUPERCONDUCTING PHASE BOUNDARY.	4-xpm33	I
02:45PM-04:15PM		4-ypm-Heavy fermions and Kondo insulators III - Chair: G. BOTTONI; C. Mazzoli	Kurita	N.	Pressure-dependent electrical resistivity of the filled skutterudite compound $\text{CeRu}_4\text{Sb}_{12}$	4-ypm01
02:45PM-04:15PM	Nakano		T.	RESISTIVITY OF $\text{Ce}(\text{Ru}_{1-x}\text{Rh}_x)_2\text{Si}_2$ UNDER PRESSURE	4-ypm02	C
02:45PM-04:15PM	Tokiwa		Y.	Suppression of Kondo Interaction in YbRh_2Si_2 by magnetic field	4-ypm03	C
02:45PM-04:15PM	Pikul		A. P.	Single crystal study on a novel Kondo compound $\text{CePt}_{1.83}\text{In}_{2.33}$	4-ypm04	C
02:45PM-04:15PM	Ebihara		T.	Electrical resistivity in $\text{Ce}_3\text{Al}_{11}$ under high pressure	4-ypm05	C
02:45PM-04:15PM	Dressel		M.	OPTICAL SPECTROSCOPY ON $\text{Ce}_{1-x}\text{La}_x\text{Pd}_3$: CROSSOVER FROM INCOHERENT KONDO TO COHERENT FERMIL LIQUID STATES.	4-ypm06	C
02:45PM-04:15PM	Chen		Y.	MAGNETIC PROPERTIES OF NANOCRYSTAL CeCo_2	4-ypm07	C
02:45PM-04:15PM	Koyama		K.	Pressure and temperature dependence of lattice parameters for $\text{Ce}(\text{Ru}_{0.85}\text{Rh}_{0.15})_2\text{Si}_2$	4-ypm08	C
02:45PM-04:15PM	Nicklas		M.	Effect of pressure on the ferromagnetic compound CeCu_2Ga_2 .	4-ypm09	C
02:45PM-04:15PM	Viennois		R.	Kondo effect, crystal electric field and itinerant magnetism in antimony-based filled skutterudites	4-ypm10	C

02:45PM-04:15PM	4-ypm-Heavy fermions and Kondo insulators III - Chair: G. BOTTONI; C. MAZZOLI	Figueira	M. S.	Periodic Anderson model with a narrow band of nearly localized electrons: X-boson treatment.	4-ypm11	C
02:45PM-04:15PM		Sugawara	H.	HIGH FIELD MAGNETORESISTANCE IN CeOs ₄ Sb ₁₂	4-ypm12	C
02:45PM-04:15PM		Janousova	B.	Magnetic Properties of Single-crystalline CePt _{0.75} Pd _{0.25} Sn	4-ypm13	C
02:45PM-04:15PM		Zwicknagl	G. E.	$\nu=2+1$: Partial localization, the dual character of 5f electrons and heavy fermions in U compounds	4-ypm14	C
02:45PM-04:15PM		Oèko	Miroslav	Unusual dependence of the Kondo temperatures in YbAg _x In _{1-x} Cu ₄	4-ypm15	C
02:45PM-04:15PM		Takagi	S.	⁷⁷ Se NMR OBSERVATION OF HEAVY-ELECTRON BEHAVIOR IN VALENCE-FLUCTUATING TmSe UNDER HIGH MAGNETIC FIELD	4-ypm16	C
02:45PM-04:15PM		PENA	O.	LOCAL MAGNETIC SUSCEPTIBILITY STUDIES OF THE KONDO COMPOUND CeMo ₆ Se ₈ BY Mo AND ⁷⁷ Se SOLID STATE NMR	4-ypm17	C
02:45PM-04:15PM		Johannesson	H.	Conformal Field Theory Approach to the Two-Channel Anderson Impurity Model	4-ypm18	C
02:45PM-04:15PM		Goremychkin	E. A.	Anisotropic Kondo Behavior in Ce _{1-x} La _x Al ₃ : A Polarized Neutron Scattering Study	4-ypm19	C
02:45PM-04:15PM		Kadowaki	H.	MAGNETIC EXCITATION OF THE HEAVY FERMION COMPOUND CeRu ₂ Si ₂ : DESCRIPTION OF EXPERIMENTAL SPECTRA BY THE SPIN FLUCTUATION THEORY.	4-ypm20	C
02:45PM-04:15PM		Nakayama	Masah	Fermi surfaces of LaX (X=S, Se, Te)	4-ypm21	C
02:45PM-04:15PM		Nakayama	Masah	Ultrahigh-resolution angle-resolved study of LaX (X=S, Se, Te)	4-ypm22	C
02:45PM-04:15PM		Yoshii	S.	MAGNETIC PROPERTIES OF THE HEAVY FERMION ANTIFERROMAGNET YbPtIn	4-ypm23	C
02:45PM-04:15PM		Rotundu	C.R.	ALLOYING STUDY OF URu ₂ Si ₂ : SEARCH FOR A HIDDEN ORDER	4-ypm24	C
02:45PM-04:15PM		Han	S.-W.	Disorder-induced Kondo behavior in nanocrystal CeAl(2) and CePt(2.5).	4-ypm25	C
02:45PM-04:15PM		Nuñez-Regueiro	M.D.	THE "UNDERSCREENED" KONDO LATTICE MODEL: APPLICATION TO URANIUM COMPOUNDS	4-ypm26	C
02:45PM-04:15PM		Kletowski	Z.K.	EVIDENCE OF KONDO EFFECT IN THERMAL CONDUCTIVITY MEASUREMENTS OF PrSn ₃	4-ypm27	C
02:45PM-04:15PM		WINKELMANN	M.	TRANSFERRED HYPERFINE FIELDS IN THE HEAVY FERMION COMPOUNDS CeCu _{6-x} Aux	4-ypm28	C
02:45PM-04:15PM		Riseborough	Peter S	Disorder Effects on Magnetic Excitons in Kondo Semiconductors	4-ypm29	C
02:45PM-04:15PM		Metoki	N.	Neutron Scattering Study on Field-Induced Antiferro-Quadrupolar Ordering in the Heavy Fermion Superconductor PrOs ₄ Sb ₁₂	4-ypm30	C
02:45PM-04:15PM		Prejean	J.J.	Moment formation, Kondo and RKKY interactions revisited in Al-Pd-Mn Quasicrystals	4-ypm31	C
02:45PM-04:15PM		Gubbens	P.C.M.	Magnetism of UGe ₂ under pressure probed by muSR	4-ypm32	C
02:45PM-04:15PM		Scheidt	E.W.	Entropy balance analysis of the AFM-region in the phase diagram of UCu _{1-5x} Pd _x	4-ypm33	C
02:45PM-04:15PM		Iwasa	K.	ANOMALOUS PHONON EXCITATIONS ASSOCIATED WITH STRONG p-f MIXING EFFECT OF CeSb AND CeBi.	4-ypm34	C

02:45PM-04:15PM	4-ypm-Heavy fermions and Kondo insulators III	Prokes	K.	MAGNETIC PROPERTIES OF UNi ₂ /3Rh ₁ /3Al SINGLE CRYSTAL PROBED BY NEUTRON SCATTERING	4-ypm35	C
02:45PM-04:15PM		Ferstl	J.	Magnetic order of well localized Yb ³⁺ moments in Yb ₄ Rh ₇ Ge ₆	4-ypm36	C
02:45PM-04:15PM		Nakamoto	G.	LOW-TEMPERATURE RESISTIVITY IN VALENCE FLUCTUATING COMPOUND CeCo ₂ Si ₂	4-ypm37	C
05:45PM-04:15PM	TEA BREAK					
04:15PM-04:45PM	4-E-Enhanced magnetoresistance III (GMR and CMR) - Chair: A.B. Granovsky; A. Berkowitz	FREITAS	P.P.	Magnetoresistive DNA Biochips	4E1	PLENARY HALL
04:45PM-05:00PM		Ono	T.	Resistance Control by Spin Current in Manganites	4E2	PLENARY HALL
05:00PM-05:15PM		De Teresa	J.M.	STRUCTURAL, MAGNETIC AND TRANSPORT PROPERTIES OF SrFe _{1-x} CrxReO ₆ DOUBLE PEROVSKITES	4E3	PLENARY HALL
05:15PM-05:45PM		GARCIA	N	BALLISTIC MAGNETORESISTANCE OF ELECTRODEPOSITED NANOCONTACTS IN THIN FILMS AND MICROMETER WIRE GAPS	4E4	PLENARY HALL
05:45PM-06:00PM		Sabirianov	R.	Conductance through Ni Nanocontacts within first- principle approach	4E5	PLENARY HALL
06:00PM-06:15PM		Itoh	J.	THEORY OF MAGNETORESISTANCE IN FERROMAGNETIC JUNCTIONS WITH A SEMIMETAL	4E6	PLENARY HALL
06:15PM-06:30PM		Fontcuberta	J.	Recent progresses on understanding and tailoring the magnetic properties of Sr ₂ FeMoO ₆ half-metallic ferromagnetic oxides.	4E7	PLENARY HALL
04:15PM-04:30PM		4-F-Nanostructures and magnetic nanoparticles I - Chair: K. O'Grady C. Ross	Kechrakos	D	MONTE CARLO STUDY OF THE MAGNETIC BEHAVIOR OF SELF-ASSEMBLED NANOPARTICLES	4F1
04:30PM-04:45PM	Tronc		E.	Magnetic properties of g-Fe ₂ O ₃ dispersed particles: size and matrix effects	4F2	AULA MAGNA
04:45PM-05:15PM	SKOMSKI		R.	SCALING LAWS IN ADVANCED MAGNETIC NANOSTRUCTURES	4F3	AULA MAGNA
05:15PM-05:30PM	Tiberto		P.	LOW-TEMPERATURE MAGNETIZATION AND MAGNETORESISTANCE OF THE INTERACTING NANOGRANULAR SUPERPARAMAGNET Cu ₉₅ Co ₅	4F4	AULA MAGNA
05:30PM-05:45PM	Kortright		J. B.	Magnetic Correlations Between Superparamagnetic Cobalt Nanoparticles Revealed with Resonant X-ray Scattering	4F5	AULA MAGNA
05:45PM-06:00PM	Guslienko		K.	MAGNETIC ANISOTROPY AND THERMAL STABILITY STUDY ON FePt NANOPARTICLE ASSEMBLY	4F6	AULA MAGNA
06:00PM-06:15PM	Theil Kuhn		L.	CORE-SHELL IRON-IRON OXIDE NANOPARTICLES: MAGNETIC PROPERTIES AND INTERACTIONS	4F7	AULA MAGNA
06:15PM-06:30PM	Kammel		M.	FIELD-INDUCED PSEUDO-CRYSTALLINE ORDERING IN CONCENTRATED FERROFLUIDS	4F8	AULA MAGNA
04:15PM-04:30PM	4-G-Electronic structure and magnetic interactions II - Chair: J.C. Slonewski; P. Bruno	Magnani	N.	INELASTIC NEUTRON SCATTERING STUDY OF MAGNETIC EXCITATIONS IN URANIUM PHOSPHATES	4G1	AULA LEONARDO
04:30PM-04:45PM		Sob	M.	Magnetism of Fe, Fe ₃ Al and Ni ₃ Al under extreme pressure and shape deformation: An <i>ab initio</i> study	4G2	AULA LEONARDO
04:45PM-05:15PM		JOHANSSON	B.	MAGNETISM IN 3D SYSTEMS ELEMENTS, DOPED SEMICONDUCTORS AND IRON-NICKEL ALLOYS	4G3	AULA LEONARDO

05:15PM-05:30PM	4-G-Electronic structure and magnetic interactions II - Chair: J.C. Sloniewski; P. Bruno	Petrakovskii	G.	INCOMMENSURATE MAGNETIC STRUCTURE IN COPPER METABORATE	4G4	AULA LEONARDO
05:30PM-05:45PM		Colarieti Tosti	M.	Theory of the Magnetic Anisotropy of Gd Metal	4G5	AULA LEONARDO
05:45PM-06:15PM		MUSHNIKOV	N.V.	PHYSICS OF ANISOTROPIC ITINERANT 5f-ELECTRON META-MAGNETS $UCo_{1-x}T_xAl$ (T = Fe, Ni)	4G6	AULA LEONARDO
06:15PM-06:30PM		Mitzoguchi	K.	MAGNETISM OF α - AND β -TDAE-C ₆₀	4G7	AULA LEONARDO
04:15PM-04:30PM	4-H-Magnetic semiconductors - Chair: J. Kossut F. Lucari	Poggio	M.	ELECTRONIC MANIPULATION OF NUCLEAR SPIN IN SEMICONDUCTOR QUANTUM WELLS	4H1	AULA GALILEO
04:30PM-04:45PM		Fleurov	V.	MECHANISMS OF DOUBLE MAGNETIC EXCHANGE IN DILUTE MAGNETIC SEMICONDUCTORS	4H2	AULA GALILEO
04:45PM-05:15PM		DIETL	T	SPIN ORDER MANIPULATIONS IN NANOSTRUCTURES OF FERROMAGNETIC SEMICONDUCTORS	4H3	AULA GALILEO
05:15PM-05:30PM		Jaffres	H.	Electrical detection of spin accumulation in p-type GaAs quantum wells.	4H4	AULA GALILEO
05:30PM-05:45PM		Leuenberger	M. N.	The generalized rotating frame	4H5	AULA GALILEO
05:45PM-06:15PM		JEONG	Y. H.	ROOM TEMPERATURE FERROMAGNETISM IN TRANSITION METAL DOPED OXIDE SEMICONDUCTORS: A CRITICAL REVIEW.	4H6	AULA GALILEO
06:15PM-06:30PM		Brataas	A.	Spin battery operated by ferromagnetic resonance	4H7	AULA GALILEO