


## MONDAY, JULY 28, 2003

Time	Session Title	Author name	Initial	TITLE	Session Number	LOCATION
09:00AM	<b>OPENING CEREMONY</b>					PLENARY HALL
09:30AM		AWSCHALOM	D.	MANIPULATING QUANTUM INFORMATION WITH SEMICONDUCTOR SPINTRONICS	1-IUP1	PLENARY HALL
10:00AM		AEPPLI	G.	THE UBIQUITY OF ANTIFERROMAGNETISM IN STRANGE SOLIDS	1-IUP2	PLENARY HALL
10:30AM	<b>COFFEE BREAK</b>					
11:00AM		OHNO	H.	FERROMAGNETIC SEMICONDUCTOR HETEROSTRUCTURES	1-IUP3	PLENARY HALL
11:30AM	<b>1-A-Magnetism in oxides and other compounds</b> Chair: J.A. Morkowski R. Ibarra	Lizarraga	R	On the magnetic structure of TiCo <sub>2</sub> Se <sub>2</sub> , a theoretical and experimental study	1A1	PLENARY HALL
11:45AM		Schlottmann	P.	SPIN EXCHANGE IN CrO <sub>2</sub> : The role of a localized level	1A2	PLENARY HALL
12:00AM		Schneider	M.	MAGNETIC FIELD DEPENDENCE OF THE CEF TRANSITIONS IN ORDERED HoNi <sub>2</sub> B <sub>2</sub> C	1A3	PLENARY HALL
12:15AM		Kaneko	Y.	MAGNETIC AND CRYSTAL STRUCTURE OF POLAR FERRIMAGNET Ga <sub>2</sub> -xFeO <sub>3</sub>	1A4	PLENARY HALL
12:30AM		Boekema	C	Cu and Fe valence states in CuFeS <sub>2</sub>	1A5	PLENARY HALL
12:45AM		Guillot	M.	MAGNETIC PROPERTIES OF Li <sub>2</sub> [Ni(PO <sub>4</sub> )F], A FLUOROPHOSPHATE WITH RUTILE-LIKE CHAINS OF NiO <sub>4</sub> F <sub>2</sub> OCTAHEDRA.	1A6	PLENARY HALL
11:30AM	<b>1-B-Spin dynamics and relaxation-</b> Chair: H. Takayama M. Greven	Muenzenberg	M.	Ultrafast magnetization dynamics in thin Fe films: phonon and magnon contributions in the time resolved MOKE	1B1	AULA MAGNA
11:45AM		Boothroyd	A.T.	MAGNETIC EXCITATIONS IN STRIPE-ORDERED La <sub>2</sub> -xSrxNiO <sub>4</sub>	1B2	AULA MAGNA
12:00AM		Demokritov	S.O.	SYMMETRY BREAKING SOLITON-LIKE EIGENMODES IN AN ACTIVE NONLINEAR RING	1B3	AULA MAGNA
12:15AM		Matsumoto	M.	Magnon Dispersion in Field-Induced Magnetically Ordered Phases	1B4	AULA MAGNA
12:30AM		Candeloro	P.	STATIC AND DYNAMICAL PROPERTIES OF RECTANGULAR PERMALLOY PRISMS	1B5	AULA MAGNA
12:45AM		Park	J. P.	LOCALIZED SPIN-WAVE MODES IN FERROMAGNETIC WIRES	1B6	AULA MAGNA
11:30AM	<b>1-C-Magnetic microscopy and imaging-</b> Chair: G. Pozzi G. Mikhailov	WIESENDANGER	R.	FUNDAMENTAL STUDIES OF MAGNETISM DOWN TO THE ATOMIC SCALE: PRESENT STATUS AND FUTURE PERSPECTIVES OF SPIN-POLARIZED SCANNING TUNNELING MICROSCOPY	1C1	AULA LEONARDO
12:00AM		Barman	A	SHAPE DEPENDENT ANISOTROPY AND DAMPING OF PICOSECOND MAGNETISATION DYNAMICS IN MICRON SIZED Ni <sub>81</sub> Fe <sub>19</sub> ELEMENTS.	1C2	AULA LEONARDO
12:15AM		Fischer	P.	ELEMENT-SPECIFIC IMAGING OF ULTRAFAST SPIN DYNAMICS IN MAGNETIC NANOSTRUCTURES	1C3	AULA LEONARDO
12:30AM		Snoeck	E	ELECTRON HOLOGRAPHY MAGNETIZATION MEASUREMENTS ON NANOMETER DIAMETER FERROMAGNETIC COBALT WIRES	1C4	AULA LEONARDO
12:45AM		Schäfer	R.	NÉEL SPIKES AND BUTTERFLY DOMAINS IN BULK IRON	1C5	AULA LEONARDO
11:30AM	<b>1-D-Magnetic sensors and actuators-</b> Chair: H. Chiriac A. Hernando	Quandt	E.	Novel strain sensors based on magnetic tunneling junctions	1D1	AULA GALILEO
11:45AM		Marioni	M. A.	PULSED-MAGNETIC-FIELD ACTUATION OF Ni-Mn-Ga FERROMAGNETIC SHAPE MEMORY ALLOY CRYSTALS	1D2	AULA GALILEO
12:00AM		Koledov	V.	ULTRASOUND INDUCED MARTENSITIC TRANSFORMATION IN FERROMAGNETIC Ni-Mn-Ga SHAPE MEMORY ALLOY	1D3	AULA GALILEO
12:15AM		Moreland	J.	MICROMECHANICAL INSTRUMENTS FOR FERROMAGNETIC MEASUREMENTS	1D4	AULA GALILEO
12:30AM		Budde	T.	Magnetic Properties of a SmCo/NiFe System for Magnetic Microactuators	1D5	AULA GALILEO
12:45AM		Suorsa	I.	MAGNETIC SHAPE MEMORY ACTUATOR PERFORMANCE.	1D6	AULA GALILEO

01:00PM-02:30PM	<b>LUNCH</b>					
02:30PM-03:15PM	<b>1-PL</b>	GATTESCHI	D.	MOLECULAR NANOMAGNETS: THE FIRST TEN YEARS	1-PL1	PLENARY HALL
3:15PM-04:45PM	<b>Chair: R. CACIUFFO</b>  <b>1-ppm-Spin waves &amp; dynamic phenomena</b>	Hori	H.	Spinless Fermions Versus Spin Waves in Describing Antiferromagnetic Heisenberg Ladders	1-ppm01	G
3:15PM-04:45PM		Gorobets	Yu.I.	SPIN-WAVE REFRACTION INDEX IN A BULK UNIAXIAL FERROMAGNETIC STRUCTURE WITH CHANGING MAGNETIC PARAMETERS	1-ppm02	G
3:15PM-04:45PM		Ventura	C.I.	SPIN DYNAMICS OF CMR PYROCHLORE $Ti_2Mn_2O_7$	1-ppm03	G
3:15PM-04:45PM		Ventura	I.C.	DIMER FORMATION IN HALF DOPED MANGANITES	1-ppm04	G
3:15PM-04:45PM		Kruglyak	V.V.	Damping of spin waves in a real magnonic crystals	1-ppm05	G
3:15PM-04:45PM		Schreyer	A.	INELASTIC NEUTRON SCATTERING ON A MAGNETIC SUPERLATTICE: EXPERIMENT AND THEORY	1-ppm06	G
3:15PM-04:45PM		Udvardi	L.	FIRST PRINCIPLES FULLY RELATIVISTIC STUDY ON LOW ENERGY MAGNETIC EXCITATIONS OF THIN FILMS	1-ppm07	G
3:15PM-04:45PM		Sikolenko	V.V.	Modulated spin-density waves in uranium intermetallic compounds with $ThCr_2Si_2$ structure	1-ppm08	G
3:15PM-04:45PM		Solontsov	A.	Nonlinear spin fluctuations in itinerant electron magnetism	1-ppm09	G
3:15PM-04:45PM		Mironov	B	Nonlinear magnetic dynamics and relaxation in a ferromagnetic Fermi liquid	1-ppm10	G
3:15PM-04:45PM		Ignatchenko	V. A.	EFFECTS OF DIMENSIONALITY OF INHOMOGENEITIES ON THE WAVE SPECTRUM OF SUPERLATTICES	1-ppm11	G
3:15PM-04:45PM		Zivieri	R.	SPIN MODES IN A TANGENTIALLY MAGNETIZED ELLIPTICAL DOT	1-ppm12	G
3:15PM-04:45PM		Krey	Uwe	THE SIGNIFICANCE OF QUANTUM EFFECTS AND INTERACTIONS FOR THE APPARENT UNIVERSALITY OF BLOCH LAWS FOR $M_s(T)$	1-ppm13	G
3:15PM-04:45PM		Crew	D. C.	SPIN WAVE EXCITATIONS IN EXCHANGE SPRING Co/CoPt THIN FILM BILAYERS	1-ppm14	G
3:15PM-04:45PM		Costa	A.T.	MICROSCOPIC THEORY OF SPIN WAVE EXCITATIONS ON ULTRATHIN Fe FILMS	1-ppm15	G
3:15PM-04:45PM		Freitas	R	SPIN WAVES IN PYROCHLORES	1-ppm16	G
3:15PM-04:45PM		Meloche	E.	TWO-MAGNON RAMAN SCATTERING IN THE ANTIFERROMAGNET $CoF_2$ : THEORY AND EXPERIMENT	1-ppm17	G
3:15PM-04:45PM		Krawczyk	M.	Magnetostatic modes in thin plates and rods	1-ppm18	G
3:15PM-04:45PM		Kampf	A. P.	The importance of ring exchange for the spin dynamics in $La_2CuO_4$ :	1-ppm19	G
3:15PM-04:45PM		Costa	A.T.	TRANSFER OF MAGNONS ACROSS A NON-MAGNETIC METAL IN MULTILAYERED STRUCTURES	1-ppm20	G
3:15PM-04:45PM		SUKIENNICKI	A.	Non-Linear Dynamics and Deterministic Chaos for Periodically Driven Bloch Walls	1-ppm21	G
3:15PM-04:45PM		BARBERIS	G.E.	STATIC AND DYNAMICAL CONDUCTIVITY FOR A MODEL OF $Ti_2Mn_2O_7$ .	1-ppm22	G
3:15PM-04:45PM		Matysiak	R.	ANTIFERROMAGNETIC INTERACTIONS IN THE SEMIMETALLIC $Cy_4As_3$ : FINITE-TEMPERATURE QUANTUM TRANSFER - MATRIX SIMULATIONS AND EXPERIMENTAL DATA	1-ppm23	G
3:15PM-04:45PM		MAKSYMOWICZ	A.Z.	ANALYTICAL SOLUTION OF THE LANDAU-LIFSHITZ-GILBERT EQUATION FOR CYLINDRICAL SYMMETRY	1-ppm24	G

3:15PM-04:45PM	<b>1-ppm-Spin waves &amp; dynamic phenomena Chair: R. CACIUFFO</b>	Ashrafuzzaman	Md.	Vortex dynamics in percolative two dimensional Josephson junction arrays	1-ppm25	G
3:15PM-04:45PM		Repain	V.	ULTRA-SLOW DYNAMICS OF MAGNETIC DOMAIN WALLS IN ULTRATHIN PT/CO/PT LAYERS WITH TUNABLE DISORDER.	1-ppm26	G
3:15PM-04:45PM		Schenck	A.	Anomalous relaxation behavior of positive muons in Ca <sub>0.995</sub> La <sub>0.005</sub> B <sub>6</sub>	1-ppm27	G
3:15PM-04:45PM		Demokritov	S.O.	EXPERIMENTAL STUDY OF SPIN-WAVE DYNAMICS IN STRONGLY NON-UNIFORM MAGNETIC FIELDS	1-ppm28	G
3:15PM-04:45PM		Bayer	C.	THEORY OF LOCALIZED SPIN WAVE EIGEN-MODES IN NON-ELLIPSOIDAL MAGNETIC STRIPES	1-ppm29	G
3:15PM-04:45PM		Molotskii	M.	PLASTICITY OF FERROMAGNETS NEAR THE CURIE POINT.	1-ppm30	G
3:15PM-04:45PM		Bespyatykh	Yu.I.	ELECTROMAGNETIC WAVES IN COMPOSITE LAYERED MEDIUM WITH TEMPORAL DISPERSION OF PERMEABILITY AND PERMITTIVITY	1-ppm31	G
3:15PM-04:45PM		Yamamoto	M.	DEPOLARISATION PEAK AT 34GHz ACCOMPANYING CHARGE ORDERING TRANSITION IN Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3-d</sub>	1-ppm32	G
3:15PM-04:45PM		Koltsov	D.K.	GIGAHERTZ FREQUENCY MAGNETISATION SWITCHING BY INDUCTIVE MAGNETOMETRY	1-ppm33	G
3:15PM-04:45PM		Venegas	P. A.	VORTEX DYNAMICS IN THIN TYPE-II SUPERCONDUCTING STRIPES WITH PERIODIC PINNING	1-ppm34	G
3:15PM-04:45PM		Counil	G.	Inductive measurement of the high frequency permeability of a Permalloy thin film.	1-ppm35	G
3:15PM-04:45PM		Bychkov	I.V.	REFLECTION OF ELECTROMAGNETIC WAVES FROM THE SURFACE OF A FERRITE/INSULATOR LAYER STRUCTURE	1-ppm36	G
3:15PM-04:45PM		Ando	Y.	TIME-RESOLVED MAGNETIZATION REVERSAL INVESTIGATED USING TUNNEL CURRENT AND KERR EFFECT	1-ppm37	G
3:15PM-04:45PM		Chatterji	T.	DIFFUSE MAGNETIC SCATTERING FROM QUASI-2D CMR MANGANITE La <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> ABOVE TC	1-ppm39	G
3:15PM-04:45PM		Vindigni	A.	FINITE SIZE EFFECTS ON THE EXPERIMENTAL OBSERVABLES OF THE GLAUBER MODEL: A THEORETICAL AND EXPERIMENTAL INVESTIGATION	1-ppm40	G
3:15PM-04:45PM		Bunkov	Yu.M.	MAGNETICALLY EXCITED COHERENT QUANTUM STATES	1-ppm41	G
3:15PM-04:45PM		CAMARERO	J.	Dynamical effects of interfacial exchange coupling in perpendicular exchange-biased (Pt/Co)-FeMn multilayers	1-ppm42	G
3:15PM-04:45PM		Larionov	I.A.	SPIN DYNAMICS IN LIGHTLY DOPED La <sub>1-2x</sub> Sr <sub>x</sub> CuO <sub>4</sub> : RELAXATION SHAPE FUNCTION WITHIN THE t - J MODEL	1-ppm43	G
3:15PM-04:45PM		Aliev	F.G.	EVOLUTION OF NON-EQUILIBRIUM MAGNETIZATION IN ANTIFERROMAGNETICALLY COUPLED [Fe/Cr(100)] <sub>10</sub> MULTILAYERS	1-ppm44	G
3:15PM-04:45PM		Stamm	C.	ENHANCED GILBERT DAMPING AND ROLE OF METALLIC INTERFACES IN LARGE ANGLE SPIN PRECESSION	1-ppm45	G
3:15PM-04:45PM	<b>1-qpm - Heavy fermions and Kondo insulators I</b>	Biasini	M.	THE FERMI SURFACE TOPOLOGY OF THE HEAVY FERMIONS CeIn <sub>3</sub> AND UGa <sub>3</sub>	1-qpm02	I
3:15PM-04:45PM		Tchoula Tchokonté	M. B.	Magnetic and electrical properties of Ce <sub>8</sub> Pd <sub>24</sub> M <sub>x</sub> alloys (M = Al, Ga, Ge).	1-qpm03	I
3:15PM-04:45PM		Rojas	D.P	Magnetic Properties and Non-Fermi Liquid behavior of La <sub>1-x</sub> U <sub>x</sub> Pd <sub>2</sub> Ga <sub>3</sub> intermetallics	1-qpm04	I
3:15PM-04:45PM		Cho	B. K.	HOLE EFFECT AND CHARGE CARRIER DENSITY IN Eu <sub>1-x</sub> Ca <sub>x</sub> B <sub>6</sub> (x = 0.2, 0.4, 0.6, AND 0.9)	1-qpm05	I

3:15PM-04:45PM	<b>1-qpm - Heavy fermions and Kondo insulators I Chair: R. CACIUFFO ; A. Cuccoli</b>	Fåk	B.	Localized spin fluctuations in CePd <sub>2</sub> Si <sub>2</sub>	1-qpm07	I
3:15PM-04:45PM		Takeuchi	T.	UNUSUAL MAGNETIC PROPERTIES OF SINGLE CRYSTALLINE CeRh <sub>3</sub> B <sub>2</sub>	1-qpm08	I
3:15PM-04:45PM		Adroja	D.T.	HYBRIDIZATION GAP IN CeRu <sub>4</sub> Sb <sub>12</sub> STUDIED BY NEUTRON SCATTERING	1-qpm10	I
3:15PM-04:45PM		Kiselev	M.N.	CORRELATIONS BETWEEN KONDO CLOUDS IN NEARLY ANTIFERROMAGNETIC KONDO LATTICES	1-qpm11	I
3:15PM-04:45PM		Goto	T.	Pressure effect on the mixed-valence state of YbInCu <sub>4</sub> with a valence transition	1-qpm13	I
3:15PM-04:45PM		Kotegawa	H	<sup>73</sup> Ge-NMR study of UGe <sub>2</sub> under pressure	1-qpm14	I
3:15PM-04:45PM		Miyoshi	K.	Magnetization, Electrical Resistivity and Specific Heat Measurements of Na <sub>x</sub> Co <sub>2</sub> O <sub>4</sub>	1-qpm15	I
3:15PM-04:45PM		Bourdarot	F.	INFLECTION POINT IN THE MAGNETIC FIELD DEPENDENCE OF THE TINY ORDERED MOMENT OF URu <sub>2</sub> Si <sub>2</sub> .	1-qpm16	I
3:15PM-04:45PM		Sheikin	I.	High magnetic field study of CePd <sub>2</sub> Si <sub>2</sub>	1-qpm17	I
3:15PM-04:45PM		Majumdar	S.	HIGH PRESSURE MAGNETIC INVESTIGATION OF THE LAYERED HEAVY FERMION COMPOUND CeRhIn <sub>5</sub>	1-qpm18	I
3:15PM-04:45PM		Ito	M.	SPECIFIC HEAT OF MIXED VALENCE SYSTEM YbInCu <sub>4</sub> UNDER PRESSURE.	1-qpm19	I
3:15PM-04:45PM		Matsunami	M.	INFRARED STUDY ON THE METAL-INSULATOR TRANSITION IN FILLED SKUTTERUDITES R <sub>4</sub> P <sub>12</sub> (R = Pr, Sm)	1-qpm20	I
3:15PM-04:45PM		Matsunami	M.	OPTICAL PROPERTIES OF THE FILLED SKUTTERUDITES CeT <sub>4</sub> Sb <sub>12</sub> (T = Fe, Ru, Os)	1-qpm21	I
3:15PM-04:45PM		Koyama	T.	Pressure effect on YbInCu <sub>4</sub> investigated <sup>63</sup> Cu NQR	1-qpm22	I
3:15PM-04:45PM		Yogi	M.	Sb-NQR STUDY OF THE FILLED SKUTTERUDITE CeOs <sub>4</sub> Sb <sub>12</sub>	1-qpm23	I
3:15PM-04:45PM		Mito	T.	EVIDENCE FOR THE PRESSURE INDUCED MAGNETIC ORDERING IN YbInCu <sub>4</sub>	1-qpm24	I
3:15PM-04:45PM		Tokunaga	Y.	A NEW METHOD TO ESTIMATE THE NUCLEAR SPIN-LATTICE RELAXATION TIME OF <sup>235</sup> U-NMR IN URANIUM INTERMETALLIC COMPOUNDS.	1-qpm25	I
3:15PM-04:45PM		Okamura	H.	Optical study of c-f hybridization states in mixed valent Yb compounds: metallic YbAl <sub>3</sub> vs semiconducting YbB <sub>12</sub>	1-qpm26	I
3:15PM-04:45PM		Mena	F. P.	HEAVY CARRIERS, NON-DRUDE OPTICAL CONDUCTIVITY AND TRANSFER OF SPECTRAL WEIGHT IN MnSi.	1-qpm27	I
3:15PM-04:45PM		Schlottmann	P.	Low-temperature properties of nanoscale heavy-fermion particles	1-qpm28	I
3:15PM-04:45PM	Tou	H.	Sn-NMR studies of the non-Fermi liquid alloy CeRhSn	1-qpm29	I	
3:15PM-04:45PM	Bernal	O. O.	Ambient Pressure NMR in URu <sub>2</sub> Si <sub>2</sub> : internal field anisotropy	1-qpm30	I	
3:15PM-04:45PM	Vildosola	V.L.	CRYSTAL-FIELD SPLITTINGS AND KONDO EFFECT IN CEM <sub>2</sub> SI <sub>2</sub> MATERIALS (M=RU,RH,PD)	1-qpm31	I	
3:15PM-04:45PM	Tran	V.H.	High-pressure electrical resistivity of UCu <sub>5</sub> Al	1-qpm32	I	
3:15PM-04:45PM	<b>- Heavy and Kondo insulators I</b>	Rojas	D.P	EFFECT OF CHEMICAL SUSTITUTION ON THE MAGNETIC PROPERTIES OF UGe <sub>2</sub>	1-qpm33	I
3:15PM-04:45PM		Sakarya	S.	Thermal expansion measurements on a ferromagnetically ordered single-crystal URhGe	1-qpm34	I

3:15PM-04:45PM	1-qpm fermions : insula	Suzuki	T.	Anomalous temperature dependence of elastic moduli of CeRhSn	1-qpm35	I
3:15PM-04:45PM		Kawasaki	S.	Magnetism and superconductivity near the quantum criticality in CeRhIn5 : 115In-NQR study under pressure	1-qpm36	I
3:15PM-04:45PM	1-rpm-Transition metal alloys and compounds I- Chair: R. CACIUFFO ; C. Beatrice	Kudryavtsev	Y. V.	STRUCTURAL AND COMPOSITIONAL DEPENDENCES OF THE MAGNETO-OPTICAL AND OPTICAL PROPERTIES OF Mn-Fe ALLOY FILMS.	1-rpm01	D
3:15PM-04:45PM		ROBINSON	D.J.	Comparison of Theory and Experiment for the Magneto-Compositional Correlation in Ferromagnetic Fe-V	1-rpm02	D
3:15PM-04:45PM		LUE	C.S.	NMR Probe of the Local Magnetism of CoNbSn	1-rpm03	D
3:15PM-04:45PM		ELMERS	H.J.	ENHANCED ORBITAL MAGNETIC MOMENTS IN THE HEUSLER COMPOUNDS Co <sub>2</sub> CrAl, Co <sub>2</sub> Cr <sub>0.6</sub> Fe <sub>0.4</sub> and Co <sub>2</sub> FeAl	1-rpm04	D
3:15PM-04:45PM		Kirsch	R.	Implantation of Single-Impurity Fe and its Magnetic Coupling in Er Studied by TDPAD	1-rpm05	D
3:15PM-04:45PM		Belosevic-Cavor	J	Hyperfine Spectroscopic Study of Laves Phase HfFe <sub>2</sub>	1-rpm06	D
3:15PM-04:45PM		RE/ÆKO	K.	MODULATED MAGNETIC STRUCTURE OF SCFe <sub>4</sub> Al <sub>8</sub> BY X-RAY, NEUTRON POWDER DIFFRACTION AND MÖSSBAUER EFFECT.	1-rpm07	D
3:15PM-04:45PM		Talik	E.	MAGNETIC PROPERTIES OF DyPdAl	1-rpm08	D
3:15PM-04:45PM		Imaizumi	M	THE CHANGE IN MAGNETIC PROPERTIES OF Fe <sub>3</sub> Al COMPOUND BY THE SUBSTITUTION OF Fe BY Co.	1-rpm09	D
3:15PM-04:45PM		Azad	A.K.	MAGNETIC ORDERING OF Fe IN Sr <sub>2</sub> -XBaxFeWO <sub>6</sub> (x=0.0, 0.33, 0.67, 1.00) STUDIED BY NEUTRON DIFFRACTION	1-rpm10	D
3:15PM-04:45PM		Hiroi	M.	ELECTRICAL TRANSPORT AND MAGNETIC PROPERTIES OF CoTiSb	1-rpm11	D
3:15PM-04:45PM		Ishibashi	H.	MAGNETIC PROPERTIES AND POINT DEFECT STRUCTURE IN B <sub>2</sub> -TYPE CoFe ALLOYS	1-rpm12	D
3:15PM-04:45PM		Tsunoda	Y.	Temperature variation of the tetragonality in ordered PtFe alloy	1-rpm13	D
3:15PM-04:45PM		WANG	Jian-Tao	Magnetic phase competing in tetragonal 3d/Au superlattices	1-rpm14	D
3:15PM-04:45PM		Kato	T.	Magnetic Anisotropy of MBE Grown MnPt <sub>3</sub> and CrPt <sub>3</sub> Ordered Alloy Films	1-rpm15	D
3:15PM-04:45PM		Diaz-Ortiz	A.	First-principles study of the interplay between magnetism and phase equilibria in Fe-Co alloys	1-rpm16	D
3:15PM-04:45PM		Terekhina	N.	THE PECULIARITIES OF HEUSLER FERROMAGNETICS.	1-rpm17	D
3:15PM-04:45PM		Matsushita	A.	MAGNETIC AND TRANSPORT PROPERTIES IN Fe <sub>3</sub> -xVxAl	1-rpm18	D
3:15PM-04:45PM		Tavares	S.S.M.	Magnetic study of the maraging 350 steel	1-rpm19	D
3:15PM-04:45PM		Tian	Z	EPITAXY AND MAGNETISM OF Fe <sub>1-x</sub> Co <sub>x</sub> ALLOY ON GAAS(001)	1-rpm20	D
3:15PM-04:45PM	Jin	X.F.	ELECTRONIC STRUCTURE AND MAGNETISM OF CO <sub>1-x</sub> PDX ALLOYS	1-rpm21	D	
3:15PM-04:45PM	Umetsu	R.	Very high antiferromagnetic stability of L1 <sub>0</sub> -type MnIr alloy	1-rpm22	D	

3:15PM-04:45PM	<b>1-rpm-Transition metal alloys and compounds I- Chair: R. CACIUFFO ; C. Beatrice</b>	Kaji	S	Effect of pressure on the martensitic and curie temperature of Fe <sub>72</sub> (Ni <sub>x</sub> Pt <sub>1-x</sub> ) <sub>28</sub> alloys	1-rpm23	D
3:15PM-04:45PM		Ono	K.	Pseudogap in itinerant antiferromagnet MnPt	1-rpm24	D
3:15PM-04:45PM		Apiñaniz	E.	THEORETICAL STUDY OF THE WEIGHT OF THE CONTRIBUTIONS TO THE MAGNETIC REINFORCEMENT IN THE ORDER-DISORDER TRANSITION OF FeAl ALLOYS	1-rpm25	D
3:15PM-04:45PM		Crisan	O.	MAGNETIC INTERACTIONS AND SPIN STRUCTURE IN COMPOSITE Fe/Nd <sub>2</sub> Fe <sub>14</sub> B SYSTEMS	1-rpm26	D
3:15PM-04:45PM		König	J.	INTERACTION-DRIVEN SPIN PRECESSION IN QUANTUM-DOT SPIN VALVES	1-rpm27	D
3:15PM-04:45PM		Razee	S.S.A.	MAGNETIC CORRELATIONS IN (Cu <sub>n</sub> Fe <sub>m</sub> )m/Cu(100) AT FINITE TEMPERATURES	1-rpm28	D
3:15PM-04:45PM		Kim	S. H.	Control of magnetic anisotropy in Co/Pt multilayered film by using ion irradiation method	1-rpm29	D
3:15PM-04:45PM		Al-Jawad	M	Magnetic properties of a novel YFe phase	1-rpm30	D
3:15PM-04:45PM		Téllez-Blanco	J.C.	INTRINSIC MAGNETIC PROPERTIES OF Y <sub>3</sub> Fe <sub>27</sub> .4Ti <sub>11.6</sub> AND ITS INTERSTITIAL NITRIDE	1-rpm31	D
3:15PM-04:45PM		Mryasov	Oleg N	Magnetic interactions in 3d-5d layered ferro-magnets.	1-rpm32	D
3:15PM-04:45PM		<b>1-spm-Molecular magnetism (systems) I - Chair: R. CACIUFFO ; C. Beatrice</b>	Mironov	V.S.	STRONG EXCHANGE ANISOTROPY IN ORBITALLY DEGENERATE COMPLEXES: A NEW POSSIBILITY FOR DESIGNING SINGLE MOLECULAR MAGNETS WITH HIGH BLOCKING TEMPERATURES	1-spm01
3:15PM-04:45PM	Procissi		D	CRITICAL SLOWING DOWN OF THE SPIN DYNAMICS IN ANTIFERROMAGNETIC RINGS	1-spm02	A
3:15PM-04:45PM	Suh		B.J.	<sup>1</sup> H NMR STUDY OF DODECANUCLEAR POLYOXOVANADATE CLUSTER {V <sub>12</sub> }	1-spm03	A
3:15PM-04:45PM	Baek		S.H.	<sup>57</sup> Fe NMR IN ORIENTED POWDER OF Fe <sub>8</sub> IN ZERO FIELD AND IN APPLIED MAGNETIC FIELD	1-spm04	A
3:15PM-04:45PM	PAKES		C.I.	PROBE-BASED DEVELOPMENT OF NAN OSCALE SQUIDS FOR MEASUREMENT OF SPIN IN ISOLATED MAGNETIC PROTEIN MOLECULES	1-spm05	A
3:15PM-04:45PM	Belinsky		M.	ANTISYMMETRIC DOUBLE EXCHANGE IN MIXED-VALENCE CLUSTERS	1-spm06	A
3:15PM-04:45PM	Oshio		H	MAGNETISM OF ALKOXO-BRIDGED HIGH SPIN MOLECULES	1-spm07	A
3:15PM-04:45PM	Carretta		S.	INTER-MULTIPLY TRANSITIONS IN THE Fe <sub>4</sub> MAGNETIC CLUSTER	1-spm08	A
3:15PM-04:45PM	Carretta		S.	MICROSCOPIC SPIN HAMILTONIAN OF A SUPRAMOLECULAR Mn(II)-[3x3] GRID FROM INELASTIC NEUTRON SCATTERING	1-spm09	A
3:15PM-04:45PM	Kim		J.H.	ELECTRONIC STRUCTURE OF Mn <sub>12</sub> -Ac MOLECULAR MAGNET	1-spm10	A
3:15PM-04:45PM	Ruiz-Pérez		C.	MAGNETO-STRUCTURAL CORRELATIONS IN DOUBLE CARBOXYLATO-OXYGEN BRIDGED GADOLINIUM(III) COMPLEXES	1-spm11	A
3:15PM-04:45PM	Ouahab		L.	HOW TO DESIGN INTERACTION BETWEEN p AND d ELECTRONS IN CONDUCTING AND MAGNETIC MOLECULAR MATERIALS.	1-spm12	A
3:15PM-04:45PM	Kusakabe		K.	INDICATION OF FLAT-BAND MAGNETISM IN THEORETICALLY DESIGNED NANOGAP WITH MODIFIED ZIGZAG EDGES	1-spm13	A
3:15PM-04:45PM	Campo		J.	SUPER-EXCHANGE INTERACTION ENHANCED BY SPIN DELOCALISATION IN A <sub>2</sub> FeX <sub>5</sub> ·2H <sub>2</sub> O (A=Rb, K, and X=Cl, Br)	1-spm14	A
3:15PM-04:45PM	SHAFIR		O.	MULTI-BIT MAGNETIC MEMORY USING Fe <sub>8</sub> HIGH SPIN MOLECULE	1-spm15	A
3:15PM-04:45PM	Ouakssim		A.	NUCLEAR MAGNETIC RELAXATION IN MICROEMULSIONS.	1-spm16	A



3:15PM-04:45PM	<b>1-spm-Molecular magnetism (systems) I</b>	Spanu	L.	Spin-Peierls-Like distortion in antiferromagnetic molecular rings	1-spm42	A
3:15PM-04:45PM		Domingo	N	MAGNETIC CIRCULAR DICHROISM AS A TOOL FOR MAGNETIC CHARACTERIZATION OF SINGLE MOLECULE MAGNETS	1-spm43	A
3:15PM-04:45PM		Cador	O.	MAGNETIC PROPERTIES OF NEW MOLECULAR CLUSTERS WITH AN ODD NUMBER OF METALLIC CENTERS	1-spm43	A
3:15PM-04:45PM		Manini	N.	INTERPLAY OF COULOMB AND ELECTRON-PHONON COUPLINGS IN POSITIVE FULLERENE IONS	1-spm45	A
3:15PM-04:45PM		Akutagawa	T.	Ferromagnetic Interaction in [Ni(dmit) <sub>2</sub> ] Salts with Supramolecular Cation Units	1-spm46	A
3:15PM-04:45PM		Nishihara	S.	Electrical Resistivity of Carrier Doped Molecular Spin Ladder, [Ph(NH <sub>3</sub> )]([18]crown-6)[Ni(dmit) <sub>2</sub> ]	1-spm47	A
3:15PM-04:45PM	<b>1-tpm-Magneto-elastic, magnetostrictive and shape-memory materials - Chair: R. CACIUFFO ; F. Ronconi</b>	Huang	M. D.	FERROMAGNETIC RESONANCE STUDY OF MAGNETIC SHAPE-MEMORY Ni <sub>2</sub> MnGa FILMS.	1-tpm01	H
3:15PM-04:45PM		HECZKO	O.	COMPOSITIONAL DEPENDENCE OF STRUCTURE, MAGNETIZATION AND MAGNETIC ANISOTROPY IN Ni-Mn-Ga MAGNETIC SHAPE MEMORY ALLOYS	1-tpm02	H
3:15PM-04:45PM		KHOVAILO	V.V.	AN EFFICIENT CONTROL OF CURIE TEMPERATURE T <sub>c</sub> in Ni-Mn-Ga ASSLOYS	1-tpm03	H
3:15PM-04:45PM		Mañosa	L.	Magnetic shape memory effect in Ni-Mn-Ga and Ni-Mn-Al	1-tpm04	H
3:15PM-04:45PM		Buchelnikov	V.D.	THE INVESTIGATIONS OF PHASE TRANSITIONS IN NI-MN-GA ALLOYS UNDER EXTERNAL INFLUENCE	1-tpm05	H
3:15PM-04:45PM		Taskaev	S.V.	INFLUENCE OF EXTERNAL STRESS ALONG [001] AXIS ON PHASE DIAGRAM OF CUBIC FERROMAGNET WITH SHAPE MEMORY EFFECT	1-tpm06	H
3:15PM-04:45PM		Albertini	F.	COMPOSITION DEPENDENCE OF MAGNETIC AND MAGNETOTHERMAL PROPERTIES OF Ni-Mn-Ga MAGNETIC SHAPE MEMORY ALLOYS	1-tpm07	H
3:15PM-04:45PM		Bogdanov	A. N.	MAGNETIC-FIELD-INDUCED STRAINS IN FERROMAGNETIC SHAPE-MEMORY ALLOYS	1-tpm08	H
3:15PM-04:45PM		Soubeyroux	J.L.	MARTENSITIC TRANSFORMATIONS IN Fe <sub>56</sub> Co <sub>7</sub> Ni <sub>7</sub> Ti <sub>7.5</sub> Nb <sub>2.5</sub> B <sub>20</sub> AMORPHOUS ALLOYS.	1-tpm09	H
3:15PM-04:45PM		JIANG	Chengb	STRUCTURAL AND MAGNETIC PROPERTIES OF THE MN EXCESSIVE NiMnGa ALLOYS	1-tpm10	H
3:15PM-04:45PM		Enkovaara	J.	BEYOND COLLINEAR FERROMAGNETISM IN Ni-Mn-Ga SHAPE MEMORY ALLOY	1-tpm11	H
3:15PM-04:45PM		Sozinov	A.	MAGNETIC AND MECHANICAL PROPERTIES OF NI-MN-GA NON-LAYERED MARTENSITE	1-tpm12	H
3:15PM-04:45PM		Kreiss	M.	INFLUENCE OF ATOMIC ORDER ON MAGNETIC AND STRUCTURAL PROPERTIES OF THE FERROMAGNETIC SHAPE MEMORY COMPOUND Ni <sub>2</sub> MnGa	1-tpm13	H
3:15PM-04:45PM		Korpusov	O.M.	SIMULTANEOUS MAGNETOOPTIC OBSERVATION AND THERMOMAGNETIC ANALYSIS OF PHASE TRANSITIONS IN SHAPE-MEMORY Ni-Mn-Ga ALLOYS	1-tpm14	H
3:15PM-04:45PM		Likhachev	A.A.	MAGNETIC DOMAINS, TWINS AND MAGNETIC FORCES CONTROLLING MAGNETIC SHAPE MEMORY EFFECT IN Ni-Mn-Ga	1-tpm15	H
3:15PM-04:45PM		Shih	T.S.	EFFECTS OF COMPOSITION ON STRUCTURAL AND MAGNETIC PROPERTIES OF FREE-STANDING SINGLE CRYSTAL FERROMAGNETIC SHAPE MEMORY Ni-Mn-Ga FILMS GROWN BY MOLECULAR BEAM EPITAXY	1-tpm16	H
3:15PM-04:45PM		Feuchtwanger	J.	MECHANICAL ENERGY ABSORPTION IN Ni-Mn-Ga POLYMER COMPOSITES	1-tpm17	H
3:15PM-04:45PM		Koledov	V. V.	MAGNETOCALORIC EFFECT AND MAGNETIZATION IN Ni-Mn-Ga HEUSLER ALLOY IN THE VICINITY OF MAGNETOSTRUCTURAL TRANSITION	1-tpm18	H
3:15PM-04:45PM		Oikawa	K.	EFFECTS OF ANNEALING ON MARTENSITIC and MAGNETIC TRANSITIONS OF NI-GA-FE FERROMAGNETIC SHAPE MEMORY ALLOYS.	1-tpm19	H
3:15PM-04:45PM		Algarabel	P. A.	MAGNETIC FIELD INDUCED STRAIN IN Ni <sub>2</sub> MnGa MELT-SPUN RIBBONS	1-tpm20	H



3:15PM-04:45PM	<b>1-tpm-Magneto-elastic, magnetostrictive and shape-memory materials - Chair: R. CACIUFFO ; F. Ronconi</b>	Straka	L.	INVESTIGATION OF MAGNETIC ANISOTROPY OF Ni-Mn-Ga SEVEN-LAYERED ORTHORHOMBIC MARTENSITE	1-tpm21	H
3:15PM-04:45PM		Kato	H.	CRYSTAL-FIELD-INDUCED MAGNETOSTRICTIONS IN THE SPIN REORIENTATION PROCESS OF Nd <sub>2</sub> Fe <sub>14</sub> B-TYPE COMPOUNDS.	1-tpm22	H
3:15PM-04:45PM		Bukhantsev	Yu	MAGNETIC PROPERTIES OF (La <sub>0.8</sub> Ba <sub>0.2</sub> ) <sub>0.93</sub> MnO <sub>3</sub> SINGLE CRYSTAL	1-tpm23	H
3:15PM-04:45PM		Hison	C.	MAGNETIC AND MAGNETOELASTIC PROPERTIES OF Ni-Cu-Mn-Ti-Mo ALLOYS	1-tpm24	H
3:15PM-04:45PM		Benito	L	MAGNETOELASTICITY IN (0001) DYSPROSIUM-SCANDIUM SUPERLATTICES	1-tpm25	H
3:15PM-04:45PM		Kumagai	A.	MAGNETIC ANISOTROPY AND MAGNETOSTRICTION IN ORDERED AND DISORDERED FeGa BCC SINGLE CRYSTALS	1-tpm26	H
3:15PM-04:45PM		Doi	M.	Investigate of giant magnetostriction in the low field for DyFe thin films.	1-tpm27	H
3:15PM-04:45PM		Fetisov	Y. K.	MAGNETOELECTRIC EFFECT IN MULTILAYER FERRITE-PIEZOELECTRIC STRUCTURES	1-tpm28	H
3:15PM-04:45PM		Jiang	Chengb	Orientation, morphology and magnetostriction of a heat treated [110] oriented TbDyFe alloy	1-tpm29	H
3:15PM-04:45PM		Lanotte	L.	ELASTOMAGNETIC EFFECT IN NOVEL ELASTIC MAGNETS.	1-tpm30	H
3:15PM-04:45PM		Zhang	Hu	MODELING FOR MAGNETOSTRICTION IN TBDFE ALLOY	1-tpm31	H
3:15PM-04:45PM		Nikitin	L.V.	MAGNETODEFORMATION EFFECT AND EFFECT OF SHAPE MEMORY IN MAGNETOELASTICS	1-tpm32	H
3:15PM-04:45PM		Oomi	G.	THE SPONTANEOUS VOLUME MAGNETOSTRICTION OF Cr METAL UNDER HIGH PRESSURE	1-tpm33	H
3:15PM-04:45PM		Na	S. M.	EFFECTS OF PARTICLE SHAPE ON MAGNETOSTRICTIVE PROPERTIES OF POLYMER-BONDED FE-CO BASED ALLOY COMPOSITES	1-tpm34	H
3:15PM-04:45PM		Pan'kova	E.V.	THE ELASTIC WAVES IN AMORPHOUS RIBBON EXCITED BY LOW FREQUENCY LOCAL MAGNETIC FIELD	1-tpm35	H
3:15PM-04:45PM		Amirabadizadeh	A.	The Effect of Substitution of Ni for Co on Magnetostrictive Strain in GdCo <sub>4-x</sub> Ni <sub>x</sub> B Compounds	1-tpm36	H
3:15PM-04:45PM		Alberts	H.L.	MAGNETOELASTIC INTERACTIONS IN A Cr + 1.9 at.% Fe ALLOY SINGLE CRYSTAL	1-tpm37	H
3:15PM-04:45PM		TEILLET	J.	STRUCTURAL MAGNETOSTRICTION AND MÖSSBAUER STUDIES OF Fe/Terfecohan/Fe SANDWICH FILMS	1-tpm38	H
3:15PM-04:45PM		BENITO	L.	EPITAXIAL STRAIN EFFECT ON THE MAGNETOELASTIC BEHAVIOUR OF Dy/Ho AND Dy/Lu SUPERLATTICES	1-tpm39	H
3:15PM-04:45PM		Lin	Chao-C	Stress Effect of SiN <sub>x</sub> Underlayer on Magnetic properties of SiN <sub>x</sub> /TbFeCo/SiN <sub>x</sub> Trilayers	1-tpm40	H
3:15PM-04:45PM		Tajabor	N.	ANOMALOUS BEHAVIOR OF TEMPERATURE DEPENDENCE OF MAGNETOSTRICTION IN NdFe <sub>11</sub> Ti	1-tpm41	H
3:15PM-04:45PM		Saint-Paul	M.	Ultrasonic study of magnetoelastic effects in Pr <sub>1-x</sub> CaxMnO <sub>3</sub>	1-tpm42	H
3:15PM-04:45PM		Buchelnikov	V.D.	THE MAGNETOACOUSTIC ANOMALY IN Fe <sub>3</sub> BO <sub>6</sub>	1-tpm43	H
3:15PM-04:45PM		Kuzavko	Y.	SURFACE ACOUSTICAL WAVES IN MAGNETOORDERED MEMORY SHAPE CRYSTALS NEAR MAGNETOSTRUCTURE PHASE TRANSITIONS	1-tpm44	H
3:15PM-04:45PM		Kuzavko	Y.	ANOMALIES OF THE ACOUSTICAL WAVES REFLECTION RELATED TO THE TA <sub>2</sub> -PHONON-MODE CONDENSATION IN HEYSLER ALLOY	1-tpm45	H

3:15PM-04:45PM	<b>1-tpm-Magneto-elastic, magnetostrictive and shape-memory materials</b>	Bespyatykh	Yu.I.	SURFACE MAGNETOELASTIC WAVES AND MAGNETOSTRICTION DOMAIN STRUCTURES IN MAGNETIC MULTILAYERS.	1-tpm46	H
3:15PM-04:45PM		Kamarad	J.	Anisotropy of Magnetoelastic Phenomena in Lu <sub>2</sub> Fe <sub>17</sub> intermetallics	1-tpm47	H
3:15PM-04:45PM		Arnaudas	J I	MEASURING THE MAGNETOELASTIC ANISOTROPY CONSTANT IN MANGANITE EPITAXIAL THIN FILMS	1-tpm48	H
3:15PM-04:45PM		Das	A. K.	Magnetoelastic Properties of MnAs/GaAs(001)	1-tpm49	H
3:15PM-04:45PM		Amaral	V. S.	MAGNETOELASTIC COUPLING INFLUENCE ON THE MAGNETOCALORIC EFFECT IN FERROMAGNETIC MATERIALS	1-tpm50	H
3:15PM-04:45PM		Paolone	A.	EVIDENCE OF MAGNETOELASTIC COUPLING IN RuSr <sub>2</sub> GdCu <sub>2</sub> O <sub>8</sub> .	1-tpm51	H
3:15PM-04:45PM		Mellors	N.J.	MAGNETIC ANISOTROPY AND THE SHAPE MEMORY PHASE TRANSITION IN Ni <sub>52</sub> Mn <sub>26</sub> Ga <sub>22</sub>	1-tpm52	H
3:15PM-04:45PM		NAKANASHI	Y.	ELASTIC BEHAVIOUR AROUND METAL-INSULATOR TRANSITION IN PrRu <sub>4</sub> P <sub>12</sub>	1-tpm54	H
3:15PM-04:45PM	<b>1-upm-Rare earth systems I - Chair: R. CACIUFFO ; F. Albertini</b>	Podlesnyak	A.	MAGNETIC STRUCTURE AND MAGNETIC PHASE TRANSITIONS IN Ho <sub>1-x</sub> Co <sub>x</sub> SINGLE CRYSTAL.	1-upm01	B
3:15PM-04:45PM		Oudet	X.	THE MAGNETIC MOMENT OF Ln <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> GARNETS	1-upm02	B
3:15PM-04:45PM		Seifu	D.	151Eu and 57Fe Mössbauer study of EuFeO <sub>3</sub> .	1-upm03	B
3:15PM-04:45PM		DE OLIVEIRA	A.L.	On the local moment formation and magnetic hyperfine fields of nd impurities in ferromagnetic Gd and Tb hosts	1-upm04	B
3:15PM-04:45PM		GUBBENS	P.C.M.	Interplay between Tm <sup>3+</sup> and Cr <sup>5+</sup> magnetic sublattices in TmCrO <sub>4</sub>	1-upm05	B
3:15PM-04:45PM		GUBBENS	P.C.M.	170Yb Mossbauer spectroscopy and magnetization Study on YbCrO <sub>4</sub> OXIDE	1-upm06	B
3:15PM-04:45PM		SZADE	J.	MAGNETIC AND CRYSTALLOGRAPHIC PROPERTIES OF GdT <sub>1-x</sub> MnxGe	1-upm07	B
3:15PM-04:45PM		Chevalier	B.	MAGNETIC ORDERING INDUCED BY THE HYDROGENATION OF THE TERNARY STANNIDE CeNiSn.	1-upm08	B
3:15PM-04:45PM		Rodriguez Fernandez	J.	HEAT CAPACITY AND MAGNETOCALORIC EFFECT IN POLYCRYSTALLINE AND AMORPHOUS GdMn <sub>2</sub>	1-upm09	B
3:15PM-04:45PM		Kubo	H.	NMR STUDY OF 59Co NUCLEI in EuBaCo <sub>2</sub> O <sub>5+x</sub> (x=0 AND 0.5)	1-upm10	B
3:15PM-04:45PM		Troper	A	MAGNETOCALORIC EFFECT IN THE PSEUDO-BINARY Ho(Co <sub>1-x</sub> Rhx) <sub>2</sub> .	1-upm11	B
3:15PM-04:45PM		Figiel	H.	Neutron Diffraction Studies of TbMn <sub>2</sub> D <sub>x</sub> and ErMn <sub>2</sub> D <sub>2</sub>	1-upm12	B
3:15PM-04:45PM		Vejpravova	J.	Magnetic properties of NdFe <sub>2</sub> Si <sub>2</sub> single-crystal	1-upm13	B
3:15PM-04:45PM		Todoran	D.	X-RAY PHOTOELECTRON SPECTROSCOPY AND MAGNETISM OF THE Al <sub>4</sub> GdNi AND Al <sub>6</sub> GdNi <sub>3</sub> COMPOUNDS	1-upm14	B
3:15PM-04:45PM		Hilscher	G.	f-d EXCHANGE INDUCED SPIN FLUCTUATIONS IN R <sub>3</sub> T COMPOUNDS: INFLUENCE ON THE HEAT CAPACITY AND ELECTRICAL RESISTIVITY.	1-upm15	B
3:15PM-04:45PM		Nagata	T.	NEUTRON SCATTERING STUDIES OF THE FLUX LINE LATTICE IN ErNi <sub>2</sub> B <sub>2</sub> C	1-upm16	B
3:15PM-04:45PM		Laks	B	MAGNETIC PROPERTIES OF PrAl <sub>2</sub> AND NdAl <sub>2</sub> COMPOUNDS	1-upm17	B
3:15PM-04:45PM		Wada	H.	FIELD-INDUCED MAGNETIC TRANSITIONS OF EXCHANGE COMPETING SYSTEM GdMn <sub>2</sub> Ge <sub>2</sub>	1-upm18	B
3:15PM-04:45PM		Tokita	M.	RKKY interaction in metallic Gd at GPa pressure regions	1-upm19	B



3:15PM-04:45PM	<b>1-upm-Rare earth systems I</b>	Lalic	M. V.	Different nature of magnetism at cerium sublattices in CeMn <sub>2</sub> Si <sub>2</sub> and CeMn <sub>2</sub> Ge <sub>2</sub> compounds	1-upm43	B
3:15PM-04:45PM		Isikawa	Y.	MAGNETIC PROPERTIES OF SINGLE CRYSTALS R CoIn <sub>5</sub> ( R = Tb, Dy, Ho, Er, Yb)	1-upm44	B
3:15PM-04:45PM		Elerman	Y.	MAGNETIC PROPERTIES OF ThCr <sub>2</sub> Si <sub>2</sub> -TYPE PSEUDO-TERNARY SmMn <sub>2-x</sub> FexGe <sub>2</sub> COMPOUNDS	1-upm45	B
3:15PM-04:45PM	<b>1-vpm-Enhanced magneto-resistance (GMR and CMR) I - Chair: R. CACIUFFO ; A.M. Testa</b>	Morosov	A.I.	DOMAIN WALL CONTRIBUTION TO THE MAGNETORESISTANCE OF MAGNETIC MULTILAYERS	1-vpm01	C
3:15PM-04:45PM		Morosov	A.I.	DOMAIN WALL CONTRIBUTION TO THE RESISTANCE: LEVY-ZHANG MECHANISM	1-vpm02	C
3:15PM-04:45PM		Dabrowski	B	INCREASE OF FERROMAGNETIC TRANSITION TEMPERATURES BY SUPPRESSION OF DISORDER FOR ATOMICALLY ARRANGED MANGANITES	1-vpm03	C
3:15PM-04:45PM		PENA	A.	Magnetotransport Properties of Co and Ni doped manganites	1-vpm04	C
3:15PM-04:45PM		Zhang	Z.	Magnetotransport properties in FePt-Ag composite films	1-vpm06	C
3:15PM-04:45PM		Gerber	A.	CORRELATION BETWEEN THE EXTRAORDINARY HALL EFFECT IN MAGNETIC MATERIALS AND RESISTIVITY.	1-vpm07	C
3:15PM-04:45PM		KLEIN	L.	EVIDENCE FOR SPIN ACCUMULATION CONTRIBUTION TO DOMAIN WALL RESISTIVITY IN THIN FILMS OF SrRuO <sub>3</sub>	1-vpm08	C
3:15PM-04:45PM		ZIESE	M.	ON THE ROAD TO AN ALL-OXIDE SPIN-TRANSISTOR: STUDY OF MAGNETOTRANSPORT PROPERTIES OF MAGNETITE/NB:STO INTERFACES	1-vpm09	C
3:15PM-04:45PM		Hayakawa	Jun	Spin transfer torque magnetization reversal in a Co/Cu/Co pillar by using a probe contact	1-vpm10	C
3:15PM-04:45PM		Jinjun	QIU	INFLUENCE OF NANO-OXIDE LAYERS ON IRMN PINNED BOTTOM SPIN-VALVES AT DIFFERENT POSITIONS	1-vpm11	C
3:15PM-04:45PM		Herper	H. C.	Influence of transition metal impurities in the GMR and the magnetic properties of Fe/Cr/Fe	1-vpm13	C
3:15PM-04:45PM		Strelniker	Y. M.	INDUCED ANISOTROPIC MAGNETO-RESISTANCE IN A COMPOSITE MEDIUM WITH A PERIODIC MICROSTRUCTURE: NUMERICAL RESULTS AND EXACT RELATIONS	1-vpm15	C
3:15PM-04:45PM		Figiel	H.	Correlation between the real Co particle size distributions and the magnetic and transport properties of GMR Cu-Co alloy	1-vpm16	C
3:15PM-04:45PM		Jeun	M. H.	MAGNETORESISTANCE BEHAVIOR IN ELECTROPLATED AND SPUTTERED BI THIN FILMS	1-vpm17	C
3:15PM-04:45PM		Tagirov	L.R.	GIANT MAGNETORESISTANCE IN NANOSIZEMAGNETIC CONTACTS	1-vpm18	C
3:15PM-04:45PM		Saito	T	ANOMALOUS MAGNETORESISTANCE LOOP AND NEGATIVE REMANENT MAGNETIZATION IN CoAg AND FeAg THIN FILMS	1-vpm19	C
3:15PM-04:45PM		Labarta	A.	Random tunnelling-capacitive networks in Co-ZrO <sub>2</sub> granular films	1-vpm20	C
3:15PM-04:45PM		Rata	A.D	POSITIVE GIANT MAGNETORESITANCE IN METALIC VOx THIN FILMS	1-vpm21	C
3:15PM-04:45PM		Saitoh	E.	Interlayer magnetic coupling in Fe/Cr multilayers	1-vpm22	C
3:15PM-04:45PM		Fdez-Gubieda	M.L.	MAGNETOTRANSPORT PROPERTIES AND LOCAL ATOMIC ORDER AROUND Fe IN FE <sub>30</sub> Ag <sub>70</sub> THIN FILM	1-vpm23	C
3:15PM-04:45PM		Clowes	S.K.	SPIN POLARISATION and anomalous hall effect in NiMnSb films	1-vpm24	C
3:15PM-04:45PM		Edwards	D.M.	A self-consistent theory of current-driven magnetization switching	1-vpm25	C
3:15PM-04:45PM		Vovk	A.	TUNNELING MAGNETORESISTANCE IN GRANULAR CERMET FILMS WITH PARTICLE SIZE DISTRIBUTION	1-vpm26	C



3:15PM-04:45PM	<b>1- wpm-Films, multilayers and superlattices I - Chair: R. CACIUFFO ; A. Cuccoli</b>	Kaneyoshi	T	PHASE DIAGRAMS IN TRANVERSE ISING THIN FILMS AND A SEMI-INFINITE TRANSVERSE ISING SYSTEM	1-wpm02	J
3:15PM-04:45PM		Suzuki	T.	Magnetic Properties of hcp (Fe,Co,Ni) <sub>3</sub> Pt Alloy Thin Films	1-wpm03	J
3:15PM-04:45PM		Sirena.	M.	Oxygen and disorder effect in the magnetic properties of manganite thin films.	1-wpm04	J
3:15PM-04:45PM		Chemam	F	THE INFLUENCE OF THE AG BUFFER ON THE STRUCTURAL AND MAGNETIC PROPERTIES IN EPITAXIAL FE FILMS	1-wpm05	J
3:15PM-04:45PM		Kim	K. W.	PHYSICAL PROPERTIES OF THE ORDERED AND DISORDERED Ni <sub>2</sub> MnGa HEUSLER ALLOY FILMS.	1-wpm06	J
3:15PM-04:45PM		Dubowik	J.	Ferromagnetic Resonance Observation of Martensitic Phase Transformation in NiMnGa Films	1-wpm07	J
3:15PM-04:45PM		CHEN	S.P.	Spin-diffusion effect in the ferromagnetic-metallic bilayer	1-wpm08	J
3:15PM-04:45PM		Urbaniak-Kucharczyk	A.	Magnetisation distribution in magnetic bilayers with rough surfaces and interface	1-wpm09	J
3:15PM-04:45PM		Kulinska	A	MAGNETIC TEXTURE IN Ni FILMS AFTER Sb and Xe ION IMPLANTATIONS MEASURED WITH PERTURBED ANGULAR CORRELATION SPECTROSCOPY	1-wpm10	J
3:15PM-04:45PM		Pini	M.G.	SURFACE MAGNETIC CANTING IN A FILM WITH COMPETING SURFACE AND BULK ANISOTROPIES	1-wpm11	J
3:15PM-04:45PM		Gong	Shengki	STRUCTURAL CHARACTERIZATION OF MAGNETIC Fe-Al-O FILMS PREPARED BY EB-PVD	1-wpm12	J
3:15PM-04:45PM		Iikawa	Fernand	APPARENT SPLIT BETWEEN MAGNETIC AND STRUCTURAL PHASE TRANSITIONS IN EPITAXIAL MnAs FILMS	1-wpm13	J
3:15PM-04:45PM		Carvalho	H. B. de	MAGNETIC AND ELECTRIC PROPERTIES OF CO-SiO <sub>2</sub> -SI STRUCTURE	1-wpm14	J
3:15PM-04:45PM		Wu	K. T.	Magnetic and optical studies in Ni-rich Ni-Ti alloy thin films	1-wpm15	J
3:15PM-04:45PM		Moradi	Hossein	TEMPERATURE-DEPENDENT OF THE SPIN-WAVE IN CO/COO BILAYERS	1-wpm16	J
3:15PM-04:45PM		Hurdequint	H.	FMR studies of ultrathin permalloy layers sandwiched by Ag.	1-wpm17	J
3:15PM-04:45PM		Sun	Z.G.	MAGNETIC PROPERTIES AND DOMAIN STRUCTURES OF FESiB THIN FILMS PREPARED BY RF-SPUTTERING METHOD	1-wpm18	J
3:15PM-04:45PM		Andersson	C.	MANIPULATING THE EASY MAGNETIZATION DIRECTION: MONO-, BI- AND TRI LAYERS OF EPITAXIALLY GROWN 3D TRANSITION METALS.	1-wpm19	J
3:15PM-04:45PM		Nakanishi	A	MAGNETIC FIELD DEPENDENCE OF REFRACTIVE INDEX ON IRON BASED MAGNETIC OXIDE FILM PREPARED BY SOL-GEL METHOD	1-wpm20	J
3:15PM-04:45PM		Yuan	F.T.	EFFECT OF Cu TOP-LAYER DIFFUSION ON MAGNETIC PROPERTIES OF FePt THIN FILMS	1-wpm21	J
3:15PM-04:45PM		Qian	D	TEMPERATURE-INDUCED STRUCTURE INSTABILITY AND MAGNETISM OF Fe/Cu(100)	1-wpm22	J
3:15PM-04:45PM		Lukaszew	R. A.	CRYSTAL FIELD, SURFACE MORPHOLOGY AND ANISOTROPY IN EPITAXIAL (001) Ni FILMS.	1-wpm23	J
3:15PM-04:45PM		ZHANG	K.	ION-INDUCED PHASE TRANSITION IN THIN CO FILMS	1-wpm24	J
3:15PM-04:45PM		Yuan	F.T.	MAGNETIC PROPERTIES OF Fe-Pt-Mn THIN FILMS	1-wpm25	J
3:15PM-04:45PM		STEPHEN	A.	ATOMIC ORDERING AND MAGNETIC PROPERTIES OF ELECTRODEPOSITED NANOCRYSTALLINE Ni-Mn ALLOY FILMS	1-wpm26	J

3:15PM-04:45PM	<b>1- wpm-Films, multilayers and superlattices I - Chair: R. CACIUFFO ; A. Cuccoli</b>	Matsui	M.	FERROMAGNETIC STATE OF GAMMA-FE ULTRA THIN FILMS GROWN ON CU SUBSTRATE	1-wpm27	J
3:15PM-04:45PM		Rameev	B.	PROBING MAGNETIC ANISOTROPIES IN HALF-METALLIC CrO2 EPITAXIAL FILMS	1-wpm28	J
3:15PM-04:45PM		LILEEV	A. S.	HEMISPHERICAL HARD MAGNETIC ND-FE-B ALLOY FILMS AND THEIR APPLICATION	1-wpm29	J
3:15PM-04:45PM		Soriano	S.	MAGNETIC CONFIGURATION IN (110)EU FILMS	1-wpm30	J
3:15PM-04:45PM		Jongkee	Kim	THE ROTATIONAL ANISOTROPY OF DEPENDENT ON NIFE THICKNESS IN EXCHANGE-BIASED NIFE/FEMN BILAYERS	1-wpm31	J
3:15PM-04:45PM		Gastelois	P. L.	MAGNETISM OF Fe MONOLAYERS ON ZnSe(001)	1-wpm32	J
3:15PM-04:45PM		Bisero	D.	Mössbauer study of FexAg1-x samples with frustrated magnetic interactions	1-wpm33	J
3:15PM-04:45PM		SPIZZO	F.	MOSSBAUER INVESTIGATION OF FEXAG1-X SUPERPARAMAGNETIC GRANULAR FILMS	1-wpm34	J
3:15PM-04:45PM		FRUCHART	D	STRUCTURE AND MAGNETIC CHARACTERISTICS OF NICKEL NITRIDE THIN FILM SYNTHESISED BY ION IMPLANTATION	1-wpm35	J
3:15PM-04:45PM		<b>1-xpm-Applications I - Chair: R. CACIUFFO ; A.M. Testa</b>	BAZHAN	A.N.	POSSIBILITY OF THIRD ORDER MAGNETIC SUSCEPTIBILITY INVESTIGATIONS IN MAGNETIC MATERIALS	1-xpm01
3:15PM-04:45PM	Hatafuku		H.	LINES OF MAGNETIC INDUCTION INDUCED BY THE ULTRASONIC STATIONARY WAVE IN MAGNETIZED ROD.	1-xpm02	F
3:15PM-04:45PM	PARK		Jae Hyun	AN OPTICAL MICRO-MAGNETIC DISPLAY	1-xpm03	F
3:15PM-04:45PM	Iwahara		M.	VISUALIZATION OF MAGNETIC FIELD BY USE OF THE PROJECTION METHOD WITH SIGNED OBJECTIVES.	1-xpm04	F
3:15PM-04:45PM	Sakamoto		H	HYBRID MAGNETIC COMPONENT FOR HIGH PERFORMANCE POWER SYSTEM	1-xpm05	F
3:15PM-04:45PM	Morón		C.	MAGNETO-OPTICAL TECHNIQUE FOR DISPLACEMENT MEASUREMENT	1-xpm06	F
3:15PM-04:45PM	Vernikov		A.	Complex electromagnetic conductivity of liquids	1-xpm07	F
3:15PM-04:45PM	Souche		Y.	INTERACTION BETWEEN SURFACE PLASMON AND MAGNETIC MATERIAL	1-xpm08	F
3:15PM-04:45PM	Wrona		J.	R-VSM AND MOKE MAGNETOMETERS FOR NANOSTRUCTURES	1-xpm10	F
3:15PM-04:45PM	Augusto		P. A.	MAGNETIC SHIELDING. APPLICATION TO A NEW MAGNETIC SEPARATOR AND CLASSIFIER.	1-xpm11	F
3:15PM-04:45PM	Benito		L.	MAGNETIC ANISOTROPY MEASUREMENT AT LOW TEMPERATURE IN THIN FILMS USING AN EXPRESSLY DESIGNED VECTOR MAGNETOMETER.	1-xpm12	F
3:15PM-04:45PM	McGlashan-Powell		M.	Magneto-Optical Switching Backplane for Microprocessor Interconnection	1-xpm13	F
3:15PM-04:45PM	Umehara		Izuru	DESIGN OF MICRO HIGH PRESSURE CELL FOR MEASUREMENTS OF SPECIFIC HEAT AND MAGNETIZATION	1-xpm14	F
3:15PM-04:45PM	Pulnikov		A.	INVESTIGATION OF RESIDUAL STRESSES BY MEANS OF LOCAL MAGNETIC MEASUREMENT	1-xpm15	F
3:15PM-04:45PM	Nishioka		T	NEW TYPE MAGNETIZATION EQUIPMENT USING COMMERCIAL HALL SENSOR	1-xpm16	F
3:15PM-04:45PM	Lanotte		L.	MODIFIED THERMOGRAVIMETRIC APPARATUS TO MEASURE MAGNETIC SUSCEPTIBILITY ON-LINE DURING ANNEALING OF METASTABLE FERROMAGNETIC MATERIALS.	1-xpm17	F

3:15PM-04:45PM	<b>1-xpm-Applications I - Chair: R. CACIUFFO ; A.M. Testa</b>	Gorièan	V	MEASUREMENT OF MAGNETIC PROPERTIES OF GRAIN ORIENTED SILICON STEEL USING RRSST	1-xpm18	F
3:15PM-04:45PM		Kosmas	K	Magnetic non-destructive inspection technique for Fe-Ni rich wires and ribbons	1-xpm19	F
3:15PM-04:45PM		Postava	K.	Optimization of a magneto-optical integrated isolator.	1-xpm20	F
3:15PM-04:45PM		Lindemuth	J. R.	Anomalous Hall Effect Magnetometry Studies of Magnetization Processes of Thin Films	1-xpm21	F
3:15PM-04:45PM		Abuitbel	M	COMPUTER-BASED SIMULATION TOOLS FOR THE DESIGN AND OPTIMISATION OF MAGNETIC DATA STORAGE CHANNELS	1-xpm23	F
3:15PM-04:45PM		Abuitbel	M	MATLAB-BASED INVESTIGATION OF ADAPTIVE REPLAY SIGNAL EQUALISATION USED IN PARTIAL RESPONSE DATA STORAGE CHANNELS	1-xpm24	F
3:15PM-04:45PM		Sugita	R.	Effect of magnetic layer thickness of master media on magnetic contact duplication properties	1-xpm25	F
3:15PM-04:45PM		Delooze	P	EFFECT OF TRANSVERSE MAGNETIC FIELD ON THIN-FILM MAGNETO IMPEDANCE AND APPLICATION TO MAGNETIC RECORDING.	1-xpm26	F
3:15PM-04:45PM		Bottoni	G.	CRITICAL VOLUME FOR THE SWITCHING OF THE MAGNETIZATION IN RECORDING MEDIA	1-xpm27	F
3:15PM-04:45PM		Bottoni	G.	DIRECT EVALUATION OF THE MAGNETIZATION REVERSAL IN RECORDING MEDIA THIN FILMS BY MOKE VECTOR MAGNETOMETRY	1-xpm28	F
3:15PM-04:45PM		Bottoni	G.	THERMAL RELAXATION OF THE MAGNETIC PROPERTIES IN HARD DISK RECORDING MEDIA	1-xpm29	F
3:15PM-04:45PM		Bottoni	G.	THE MAGNETIC ANISOTROPY OF THIN FILMS FOR RECORDING TAPES WITH DIFFERENT COMPOSITION AND NUMBER OF LAYERS	1-xpm30	F
3:15PM-04:45PM		Bhushan	B.	Macro- and Microtribology of Magnetic Storage Devices	1-xpm31	F
3:15PM-04:45PM		Lee	J.	CHANNEL MODEL AND GENERALIZED PRML DETECTIONS FOR A SINGLE-LAYERED PERPENDICULAR MAGNETIC RECORDING WITH A MODIFIED RING-HEAD	1-xpm32	F
3:15PM-04:45PM		Lee	J	LDPC CODE DECODING ADAPTED TO THE PRECODED PARTIAL RESPONSE MAGNETIC RECORDING CHANNELS	1-xpm33	F
3:15PM-04:45PM		Takanosu	S.	READ/WRITE SIMULATION OF THERMALLY STABILIZED MAGNETIC RECORDING MEDIA WITH A THIN FILM HEAD.	1-xpm34	F
3:15PM-04:45PM		Lee	S.C.	EFFECTS OF SOFT UNDERLAYER ON READ/WRITE PROPERTIES IN DOUBLE LAYERED PERPENDICULAR RECORDING MEDIA	1-xpm35	F
3:15PM-04:45PM		Suh	D.	NUMERICAL CHARACTERIZATION OF THE MAGNETO-OPTICAL POLAR KERR EFFECT OF SiO <sub>x</sub> /FePt/SiO <sub>x</sub> /Al MULTILAYERS ON GLASS SUBSTRATE.	1-xpm36	F
3:15PM-04:45PM		Ryu	H.	MICROMAGNETIC SIMULATION OF THE RECORDING LAYER COUPLED WITH LARGE CRYSTALLINE MAGNETIC ANISOTROPY SUBLAYER FOR 100 GB/IN <sup>2</sup> MAGNETO-OPTICAL MEDIA	1-xpm37	F
3:15PM-04:45PM		Stankiewicz	A.	SWITCHING TIMES AND SPIN-STAND PERFORMANCE IN THE NARROW LONGITUDINAL WRITER AT HIGH DATA RATES.	1-xpm38	F
3:15PM-04:45PM		Siritariwat	A.	EFFECT OF DESHUNTING SEQUENCES OF RECORDING HEADS USING CHARGED DEVICE MODEL	1-xpm39	F
3:15PM-04:45PM		Shin	J. N.	Effects of sputtering parameters on the properties of Co/Pd multilayered films	1-xpm40	F
3:15PM-04:45PM		Jiang	Ruo Fan	NOVEL LAMINATED ANTIFERROMAGNETICALLY COUPLED SOFT MAGNETIC UNDERLAYER FOR PERPENDICULAR RECORDING MEDIA	1-xpm41	F
3:15PM-04:45PM		Onoue	T.	PROBE RECORDING ON CONTINUOUS Co(-Ni)/Pt MULTILAYERED THIN FILMS BY USING AN MFM TIP	1-xpm42	F
3:15PM-04:45PM	Li	Z.	DISK SURFACE DYNAMIC COERCIVITY AND OTHER SURFACE PARAMETER MEASUREMENT AT SPIN STAND	1-xpm43	F	



3:15PM-04:45PM	<b>1-ypm-Techniques I (optical) - Chair: R. CACIUFFO ; F. Albertini</b>	Nepijko	S.A.	DYNAMICS OF MAGNETIC STRAY FIELDS DURING MAGNETIC REVERSAL OF Co DOTS	1-ypm01	E
3:15PM-04:45PM		Ovchinnikov	D.V.	VIRTUAL MAGNETIC FORCE MICROSCOPE	1-ypm02	E
3:15PM-04:45PM		Balabanov	D.E.	IMAGE FORMATION BY FREQUENCY METHOD IN MAGNETIC (ATOMIC) FORCE MICROSCOPY	1-ypm03	E
3:15PM-04:45PM		Balabanov	D.E.	MAGNETO-OPTIC VISUALISATION OF SMALL SCALE SCATTERING FIELDS	1-ypm04	E
3:15PM-04:45PM		Barkov	F. L.	Visualization of magnetic structures at low temperatures by high resolution Bitter technique.	1-ypm05	E
3:15PM-04:45PM		Ueda	S.	MAGNETIC PROPERTIES OF QUASI-THREE-DIMENSIONAL IRON THIN FILM STUDIED BY SPIN-POLARIZED SECONDARY ELECTRON MICROSCOPY	1-ypm06	E
3:15PM-04:45PM		Vogel	J.	TIME AND LAYER RESOLVED MAGNETIC DOMAIN IMAGING IN Ni81Fe19/Cu/Co TRILAYERS USING X-RAY PHOTOELECTRON EMISSION MICROSCOPY.	1-ypm07	E
3:15PM-04:45PM		Signoretti	S.	ELECTRON HOLOGRAPHY QUANTITATIVE MEASUREMENTS ON MAGNETIC FORCE MICROSCOPY PROBES	1-ypm08	E
3:15PM-04:45PM		Petit	D.	ROOM TEMPERATURE PERFORMANCE OF SUBMICRON METALLIC HALL PROBES	1-ypm09	E
3:15PM-04:45PM		Koblichka	M. R.	IMPROVING THE LATERAL RESOLUTION OF THE MFM TECHNIQUE TO THE TEN NANOMETRE RANGE	1-ypm10	E
3:15PM-04:45PM		Denbeaux	Greg	Element-specific magnetic imaging with an x-ray microscope at 25 nm resolution	1-ypm11	E
3:15PM-04:45PM		CAMBEL	V.	SCANNING VECTOR HALL PROBE MICROSCOPY	1-ypm12	E
3:15PM-04:45PM		Laguna-Marco	M.A.	XMCD STUDY OF RFe11Ti HYDRIDE DERIVATIVES.	1-ypm13	E
3:15PM-04:45PM		Kimura	A.	SOFT X-RAY MAGNETIC CIRCULAR DICHROISM OF Cr <sub>1-<math>\delta</math></sub> Te	1-ypm14	E
3:15PM-04:45PM		Baudelet	F.	XMCD AND MAGNETISM UNDER PRESSURE	1-ypm15	E
3:15PM-04:45PM		OPPEENER	P.M.	Understanding the magnetocrystalline anisotropy in the XMLD at the L <sub>2,3</sub> edges of 3d transition metals	1-ypm16	E
3:15PM-04:45PM		Loosvelt	H	XMCD ON OXIDIZED CO FILMS EXHIBITING EXCHANGE-BIAS	1-ypm17	E
3:15PM-04:45PM		Sikora	M.	X-MCD MAGNETOMETRY OF CMR PEROVSKITES La <sub>0.67-y</sub> RE <sub>y</sub> Ca <sub>0.33</sub> MnO <sub>3</sub>	1-ypm18	E
3:15PM-04:45PM		Lee	Y. S.	Hybridization effects and charge transfer in ordered and disordered CoxAl1-x alloy films	1-ypm19	E
3:15PM-04:45PM		Cardoso	L. P.	SYNCHROTRON RADIATION MULTIPLE DIFFRACTION IN THE CHARACTERIZATION OF THE PrAl <sub>2</sub> MAGNETOCALORIC COMPOUND.	1-ypm20	E
3:15PM-04:45PM		Sacchi	M.	RESONANT DIFFUSE X-RAY SCATTERING FROM MAGNETIC MULTILAYERS	1-ypm21	E
3:15PM-04:45PM		CARTIER	C.	SIZE EFFECT ON LOCAL MAGNETIC MOMENTS IN FERRIMAGNETIC MOLECULAR COMPLEXES: AN XMCD INVESTIGATION	1-ypm23	E
3:15PM-04:45PM		Bleuzen	A	X-RAY ABSORPTION SPECTROSCOPY CONTRIBUTION TO THE STUDY OF AN OPTICAL MEMORY DEVICE	1-ypm24	E
3:15PM-04:45PM		Train	C.	XMCD, A PROBE OF THE LOCAL REMNANT MAGNETISATION IN A COERCITIVE OPTICALLY ACTIVE OXALATE-BASED MAGNET	1-ypm25	E
3:15PM-04:45PM		Chatterji	T.	SPIN DYNAMICS OF CMR MANGANITES	1-ypm26	E
3:15PM-04:45PM		Osakabe	T.	High Pressure Apparatus for Magnetic Neutron Diffraction beyond 3 GPa at Low Temperature	1-ypm27	E

3:15PM-04:45PM	<b>1-ypm-Techniques I (optical) -</b> Chair: R. CACIUFFO ; F. Albertini	Gukasov	A.	LOCAL MAGNETIC ANISOTROPY AXES AND ATOMIC SITE SUSCEPTIBILITY TENSORS IN POLARISED NEUTRON DIFFRACTION	1-ypm28	E
3:15PM-04:45PM		Ryu	H. J.	NEUTRON AND MOSSBAUER STUDIES FOR DOUBLE PEROVSKITE $Sr_2Fe_{1-x}Cr_xMoO_6$ ( $x=0.0, 0.1$ )	1-ypm30	E
3:15PM-04:45PM		Choi	K. Y. Ch	NEUTRON DIFFRACTION AND MOSSBAUER STUDIES OF THE $La_{0.67}Ba_{0.33}Mn_{0.9957}Fe_{0.0103}$ .	1-ypm31	E
3:15PM-04:45PM		Kim	S. J.	EXCHANGE INTERACTION AND NEUTRON DIFFRACTION ON $CoAl_xFe_{2-x}O_4$ ( $x=0.1, 0.2$ )	1-ypm32	E
3:15PM-04:45PM		Munoz	A.	A NEUTRON DIFFRACTION STUDY OF THE CRYSTALLOGRAPHIC AND MAGNETIC STRUCTURE OF $LuVO_3$	1-ypm33	E
04:15PM-04:45PM	<b>TEA BREAK</b>					
04:45PM	<b>1-E-Enhanced magnetoresistance I (GMR and CMR)-</b> Chair: J. Fontcuberta; F. Vinal	FERT	A.	MAGNETIZATION REVERSAL BY INJECTION AND TRANSFER OF SPIN: EXPERIMENTS AND THEORY	1E1	PLENARY HALL
05:15PM		Inoue	J.	Theory of CPP-magnetoresistance in spring ferromagnets	1E2	PLENARY HALL
05:30PM		Lardé	R.	INVESTIGATION OF Cu-(SmCo5)-Fe GRANULAR RIBBONS WITH MAGNETORESISTIVE PROPERTIES	1E3	PLENARY HALL
05:45PM		Thompson	S.M.	CONTACTLESS MEASUREMENT OF GIANT MAGNETORESISTANCE IN COBALT COPPER MULTILAYERS USING THE INFRARED MAGNETOREFRACTIVE EFFECT.	1E4	PLENARY HALL
06:00PM		Martinez	G.	Nanostructural phases and Giant Magnetoresistance in Cu-Co alloys	1E5	PLENARY HALL
06:15PM		Lahderanta	E.	THERMOPOWER OF $LaCaMnFeO$ AS A RESULT OF ASSYMMETRIC DENSITY OF STATES	1E6	PLENARY HALL
04:45PM	<b>1-F-Rare earths and actinides I -</b> Chair: K.A. McEwen R. Caciuffo	Gasche	T.	Monte Carlo Study of the Magnetism of Rare-Earth $Fe_2$ Compounds	1F1	AULA MAGNA
05:00PM		Shiroka	T.	Investigation of $Eu_6C_{60}$ Magnetic Properties	1F2	AULA MAGNA
05:15PM		Stunault	A.	SEPARATION OF SPIN AND ORBITAL MAGNETIZATION IN A SAMARIUM FILM	1F3	AULA MAGNA
05:30PM		Ishii	H.	NUCLEAR MAGNETISM UNDER ANTIFERRO-QUADRUPOLEAR ORDERING IN $PrPb_3$	1F4	AULA MAGNA
05:45PM		Canepa	F.	MAGNETIZATION STUDIES ON $TmMn_6Sn_6-xGax$ SINGLE CRYSTALS	1F5	AULA MAGNA
06:00PM		Andrianov	A.VI.	HEAVY RARE EARTH MAGNETISM: A NOVEL MECHANISM OF THE MAGNETOELASTIC INTERACTION	1F6	AULA MAGNA
06:15PM		Makihara	Y.	MAGNETISM IN SINGLE CRYSTAL $Ce_2Fe_{17}$ WITH TWO TYPES OF MAGNETIC GROUND STATES	1F7	AULA MAGNA
04:45PM	<b>1-G-Intermetallics and metal magnetism -</b> Chair: V. Sechovsky A. Paoluzi	Uchida	T.	PHENOMENOLOGICAL THEORY OF HELICAL MULTIPLE SPIN DENSITY WAVES IN FCC TRANSITION METALS	1G1	AULA LEONARDO
05:00PM		Acet	M.	Universal Behavior of Magnetic Phase Transitions in The Mn Sublattice of $ThCr_2Si_2$ -Type $R_xR'_{1-x}Mn_2X_2$ (R, R': Rare earth; X: Si, Ge) Compounds	1G2	AULA LEONARDO
05:15PM		Anilturk	O. S.	Element specific magnetization of GdCo composite system using spin polarized Auger electron spectroscopy (SPAES)	1G3	AULA LEONARDO
05:30PM		Dubiel	S.M.	MAGNETIC PROPERTIES OF THE SIGMA-FeCr SYSTEM	1G4	AULA LEONARDO
05:45PM		Wildes	A. R.	Are INVAR alloys conventional or non-collinear ferromagnets? A study by experiment.	1G5	AULA LEONARDO
06:00PM		Rechenberg	H. R.	Fe magnetic moment at 2a site of antiferromagnetic (Hf,Ta)Fe <sub>2</sub> laves-phase compound	1G6	AULA LEONARDO
06:15PM		Popa	I.	ANALYSIS OF THE MAGNETIC CONTRIBUTION OF VANADIUM IN $NdFe_{12-xV_x}$ AND $NdFe_{12-xV_x}Z_y$ (Z = H, N) SYSTEMS	1G7	AULA LEONARDO
04:45PM		<b>1-H</b>	Fischer	S.F.	Critical exponents from the field dependent ac susceptibility of Cr <sub>3</sub> Fe single crystals	1H1
05:00PM	<b>anics, and a-sky;</b>	Buendia	G.M.B	MIXED ISING MODELS WITH TWO COMPENSATION TEMPERATURES	1H2	AULA GALILEO

05:15PM	<b>1-H-Statistical mech:  phase transitions :  critical phenomem  Chair: E.M. Chudnov  F. Borsa</b>	TAKAYAMA	H.	AGING PHENOMENA IN SPIN GLASSES: THEORY EXPERIMENT, AND SIMULATION	1H3	AULA GALILEO
05:45PM		Chubykalo	O.	CONSISTENCY OF THERMAL ACTIVATION MODEL BASED ON THE STOCHASTIC LANDAU- LIFSHITZ EQUATION AND CLASSICAL SPIN- WAVE DESCRIPTION	1H4	AULA GALILEO
06:00PM		Ling	C.D.	MAGNETIC INHOMOGENEITIES IN ELECTRON- DOPED Ca <sub>1-x</sub> LaxMnO <sub>3</sub>	1H5	AULA GALILEO
06:15PM		Repain	V.	Domain wall repulsion in a He+ irradiated ultrathin Pt/Co/Pt film	1H6	AULA GALILEO