

- ICM2012 Oral Presentation Schedule (Vol.04) -

No.	Session title	Date	Time	Room	Speaker NO.	Present ation Code	Invited Speaker	Title	First Name	Middle Name	Last Name	Institute	Country	Title
1	Plenary 1	July 9 (Mon)	09:00-10:00	Auditorium	1	PP01	P	Prof.	Albert		Fert	CNRS, Thales and Universite Paris Sud	France	Recent developments and emerging directions in spintronics
2	Plenary 2	July 9 (Mon)	10:20-11:20	Auditorium	1	PP02	P	Prof.	Sadamichi		Maekawa	Japan Atomic Energy Agency	Japan	Heat and Spin
3	Plenary 3	July 9 (Mon)	11:20-12:20	Auditorium	1	PP03	P	Prof.	Zachary		Fisk	University of California, Irvine	USA	Heavy Electrons and Superconductivity
4	Plenary 4	July 11 (Wed)	08:30-09:30	Auditorium	1	PP04	P	Mr., Dr.,	Klaus		von Klitzing	Max Planck Institute for Solid State Research	Germany	Correlated Electrons in Quantum Hall Systems
5	Plenary 5	July 11 (Wed)	09:30-10:30	Auditorium	1	PP05	P	Prof.	Roland		Wisendanger	University of Hamburg	Germany	From Single-Atom Magnetometry to Tailored Nanomagnets and Atomic-Scale Spintronic Devices
6	Plenary 6	July 13 (Fri)	15:30-16:30	Auditorium	1	PP06	P	Prof.	Sang-Wook		Cheong	Rutgers University	USA	Multiferroic vortex network with Z2xZ3 symmetry
7	Plenary 7	July 13 (Fri)	16:30-17:30	Auditorium	1	PP07	P	Prof.	Andre		Geim	University of Manchester	UK	Graphene's Magnetism
8	Half-Plenary 1-1	July 10 (Tue)	09:00-09:45	101	1	HP11	HP	Prof.	Yoshichika		Onuki	Osaka University	Japan	Heavy Fermions and Unconventional Superconductivity in High-Quality Single Crystals of
9	Half-Plenary 1-2	July 10 (Tue)	09:45-10:30	101	2	HP12	HP	Prof.	Tae Won		Noh	Seoul National Univ	Korea	Effects of spin-orbit-coupling in the electronic structures of 5d transition metal oxides
10	Half-Plenary 2-1	July 10 (Tue)	09:00-09:45	106	1	HP21	HP	Prof.	Hyun-Woo		Lee	POSTECH	Korea	Magnetization dynamics of Rashba ferromagnet
11	Half-Plenary 2-2	July 10 (Tue)	09:45-10:30	106	2	HP22	HP	Prof.	P.		Coleman	Rutgers University	USA	Giant Ising Anisotropy and Hastatic Order in URu2Si2 (1,2)
12	Half-Plenary 3-1	July 10 (Tue)	09:00-09:45	205	1	HP31	HP		Yoshinori		Tokura	Department of Applied Physics, University of	Japan	Electrodynamics of skyrmions
13	Half-Plenary 3-2	July 10 (Tue)	09:45-10:30	205	2	HP32	HP	Prof.	Bernhard		Keimer	Max Planck Institute for Solid State Research	Germany	Spin and charge fluctuations in cuprate superconductors
14	Half-Plenary 4-1	July 11 (Wed)	11:00-11:45	205	1	HP41	HP	Dr.	Stuart		Parkin	IBM Almaden Research Center	USA	The Spin on Domain Walls!
15	Half-Plenary 4-2	July 11 (Wed)	11:45-12:30	205	2	HP42	HP		Gabriel		Aeppli	University College London	United Kingdom	Orbitronics in Silicon
16	Half-Plenary 5-1	July 12 (Thu)	09:00-09:45	101	1	HP51	HP	Prof.	Caroline		Ross	Massachusetts Institute of Technology	USA	360 degree domain walls in magnetic nanowires
17	Half-Plenary 5-2	July 12 (Thu)	09:45-10:30	101	2	HP52	HP	Prof.	Hideo		Ohno	Tohoku University	Japan	Perpendicular CoFeB-MgO for Spintronics Devices
18	Half-Plenary 6-1	July 12 (Thu)	09:00-09:45	106	1	HP61	HP	Prof.	Xiaozhong		Zhang	Tsinghua University, Department of Materials	China	Geometric enhancement of low field magnetoresistance in silicon
19	Half-Plenary 6-2	July 12 (Thu)	09:45-10:30	106	2	HP62	HP	Dr.	Laura		Heyderman	Paul Scherrer Institute	Switzerland	Artificial spin ice systems: exploring frustration and emergent magnetic monopoles with nanomagnets
20	Half-Plenary 7-1	July 12 (Thu)	09:00-09:45	205	1	HP71	HP	Prof.	Shoucheng		Zhang	Stanford	USA	Topological Insulators
21	Half-Plenary 7-2	July 12 (Thu)	09:45-10:30	205	2	HP72	HP	Prof.	Claudia		Felser	Max Planck Institute for Chemical Physics of Solids	Germany	Heusler compounds: From semiconductors to spintronics
22	Multiferroics I-Mainly manganites	July 9 (Mon)	15:30-17:00	101	1	AA01	IS	Prof.	Jae-Hoon		Park	Pohang University of Science and Technology	Korea	Orbital and spin states of bi-layered Manganites La2-2xSr1+2xMn2O7
23	Multiferroics I-Mainly manganites	July 9 (Mon)	15:30-17:00	101	2	AA02		Dr.	Kunihiko		Yamauchi	ISIR-Sanken, Osaka University	Japan	First-Principles Calculation of Multiferroic Bilayer Manganite
24	Multiferroics I-Mainly manganites	July 9 (Mon)	15:30-17:00	101	3	AA03		Mr.	Xavier		FABREGES	LNCMI, Toulouse, CNRS	France	Coupling between lattice and spin degrees of freedom in multiferroic h-RMnO3

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25	Multiferroics I-Mainly manganites	July 9 (Mon)	15:30-17:00	101	4	AA04		Prof.	Janice		Musfeldt	University of Tennessee	USA	Magnetolectric coupling in hematite amplified by the collective transition
26	Multiferroics I-Mainly manganites	July 9 (Mon)	15:30-17:00	101	5	AA05		Mr.	Max		Baum	Universitat zu Koln	Germany	Time dependence of multiferroic switching
27	Non-Fermi Liquids and Quantum Phase Transitions I	July 9 (Mon)	15:30-17:00	106	1	AB01	IS	Prof.	Qimiao		Si	Rice University	USA	Quantum Criticality, Non-Fermi Liquid and Unconventional Superconductivity
28	Non-Fermi Liquids and Quantum Phase Transitions I	July 9 (Mon)	15:30-17:00	106	2	AB02	IS	Dr.	Christoph		Geibel	Max Planck Institute for Chemical Physics of Solids	Germany	Ternary compounds with ZrFe ₄ Si ₂ structure type: a new playground for ferromagnetic and
29	Non-Fermi Liquids and Quantum Phase Transitions I	July 9 (Mon)	15:30-17:00	106	3	AB03		Prof.	Dariusz		Kaczorowski	Institute of Low Temperature and	Poland	Anomalous thermoelectric effects in the heavy fermion superconductor Ce ₂ PdIn ₈
30	Non-Fermi Liquids and Quantum Phase Transitions I	July 9 (Mon)	15:30-17:00	106	4	AB04		Mr.	Yongkang		Luo	Zhejiang University	China	Pressure driven quantum critical point in CeNiAsO.
31	Low-dimensional/Frustrated spin systems	July 9 (Mon)	15:30-17:00	104	1	AC01	IS	Prof.	Laurens		Molenkamp	University of Wuerzburg, Physics Institute	Germany	HgTe as a topological insulator
32	Low-dimensional/Frustrated spin systems	July 9 (Mon)	15:30-17:00	104	2	AC02	IS	Prof.	Seung-Hun		Lee	University of Virginia	USA	Spin liquid and spin glass states in frustrated magnets
33	Low-dimensional/Frustrated spin systems	July 9 (Mon)	15:30-17:00	104	3	AC03		Dr.	Atsuhiko		Miyata	University of Tokyo	Japan	A novel magnetic order of ZnCr ₂ O ₄ revealed by magneto-optical measurements in ultra-high magnetic
34	Low-dimensional/Frustrated spin systems	July 9 (Mon)	15:30-17:00	104	4	AC04		Dr.	Andrej		Zorko	Jozef Stefan Institute	Slovenia	Origin and Signatures of Magnetic Chirality in the Frustrated Multiferroic Ba ₃ NbFe ₃ Si ₂ O ₁₄
35	Surface and Interface Effects I	July 9 (Mon)	15:30-17:00	109	1	AD01	IS	Mr.	Minn-Tsong		Lin	National Taiwan University	Taiwan	Investigating Magnetic Dipolar Interactions Between Co nano-islands with Spin-Polarized Scanning
36	Surface and Interface Effects I	July 9 (Mon)	15:30-17:00	109	2	AD02		Prof.	Marek		Przybylski	Max-Planck-Institut für Mikrostrukturphysik	Germany	Temperature-driven oscillatory magnetic anisotropy in ultrathin ferromagnetic films
37	Surface and Interface Effects I	July 9 (Mon)	15:30-17:00	109	3	AD03		Prof.	Jae-Sung		Kim	SookMyung Women's University	Korea	Magnetism of ultrathin Fe films on BaTiO ₃ (001)
38	Surface and Interface Effects I	July 9 (Mon)	15:30-17:00	109	4	AD04		Dr.	Hidetoshi		Miyazaki	Nagoya Institute of Technology	Japan	Thickness-Dependent Exchange Splitting of EuO Ultrathin Films
40	Electric field effect on magnetic systems	July 9 (Mon)	15:30-17:00	201	1	AE01		Prof.	Geoffrey		Beach	MIT	USA	Magnetolectric Control of Magnetic Anisotropy in Ultrathin Fe Films Using a Charge-Trap
41	Electric field effect on magnetic systems	July 9 (Mon)	15:30-17:00	201	2	AE02		Prof.	Tatsuki		Oda	Kanazawa University	Japan	The origin of electric-field effects on magnetic anisotropy in FePd ultrathin film
42	Electric field effect on magnetic systems	July 9 (Mon)	15:30-17:00	201	3	AE03	IS	Dr.	Manuel		Bibes	Unite Mixte de Physique CNRS/Thales	France	Ferroelectric control of spin polarization
43	Electric field effect on magnetic systems	July 9 (Mon)	15:30-17:00	201	4	AE04		Dr.	Hyuk-Jae		Jang	NIST & WFU	USA	Voltage controlled spin transport channel
44	Electric field effect on magnetic systems	July 9 (Mon)	15:30-17:00	201	5	AE05		Dr.	Hongtao		Yuan	University of Tokyo	Japan	Zeeman-type Spin Splitting Controlled by an Electric Field
45	Advanced methods of spin structure determination	July 9 (Mon)	15:30-17:00	202	1	AF01	IS	Dr.	Helen		Walker	HASYLAB at DESY	Germany	Femtosecond Magnetically Induced Lattice Distortions in Multiferroic TbMnO ₃
46	Advanced methods of spin structure determination	July 9 (Mon)	15:30-17:00	202	2	AF02		Dr.	Alexander		Schwarz	Institute of Applied Physics, University of	Germany	Direct measurement of the interatomic distance dependence of the magnetic exchange interaction
47	Advanced methods of spin structure determination	July 9 (Mon)	15:30-17:00	202	3	AF03		Dr.	Yoshihiko		Togawa	Osaka Prefecture University	Japan	Magnetic nanodomains in manganites revealed by Lorentz TEM and small-angle electron scattering
48	Advanced methods of spin structure determination	July 9 (Mon)	15:30-17:00	202	4	AF04		Dr.	Jae-Young		Kim	Pohang Accelerator Laboratory	Korea	Morin Transition Control of Antiferromagnetic α -Fe ₂ O ₃ Films with Epitaxial Strains
49	Advanced methods of spin structure determination	July 9 (Mon)	15:30-17:00	202	5	AF05		Mr.	Emil		Melander	Division of Materials Physics, Uppsala University	Sweden	Surface plasmons and magneto-optical activity in hexagonal Ni anti-dot arrays

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50	Arrays of Magnetic Nanostructures I	July 9 (Mon)	15:30-17:00	203	1	AG01	IS	Prof.	Jian		Shen	Fudan University	China	Magnetic Nanodots induced Novel Magnetic Phenomena
51	Arrays of Magnetic Nanostructures I	July 9 (Mon)	15:30-17:00	203	2	AG02		Dr.	Marco		Coisson	INRIM	Italy	Magnetic properties of Fe-(Pt,Pd) thin films patterned by self-assembling of polystyrene nanospheres
52	Arrays of Magnetic Nanostructures I	July 9 (Mon)	15:30-17:00	203	3	AG03		Dr.	Satoshi		Yakata	Kyushu University	Japan	Position dependence of vortex core oscillation in polygonal nanomagnets
53	Arrays of Magnetic Nanostructures I	July 9 (Mon)	15:30-17:00	203	4	AG04			Takeshi		Nakagawa	Institute for Molecular Science	Japan	Huge Magnetic Anisotropy and Coercivity in Fe island and atomic wire on
54	Arrays of Magnetic Nanostructures I	July 9 (Mon)	15:30-17:00	203	5	AG05			Alexey		Ognev	Far Eastern Federal University	Russia	Oscillation of critical fields in highly dense arrays of magnetic nanodisks
55	Magnetic transducers in biomedicine	July 9 (Mon)	15:30-17:00	204	1	AH01	IS	Prof.	Joerg		Schotter	AIT Austrian Institute of Technology	Austria	Magnetic tools for molecular diagnosis
56	Magnetic transducers in biomedicine	July 9 (Mon)	15:30-17:00	204	2	AH02		Prof.	Vitalii		Zablotskii	Institute of Physics	Czech Republic	Control of the Living Cell Machinery with Nanomagnets
57	Magnetic transducers in biomedicine	July 9 (Mon)	15:30-17:00	204	3	AH03		Dr., Prof.	Charles Shieh-Yueh		Yang	MagQu Co., Ltd.	Taiwan	Bio-functionalized magnetic nanoparticles for in-vitro diagnosis of colorectal cancer
58	Magnetic transducers in biomedicine	July 9 (Mon)	15:30-17:00	204	4	AH04	IS	Prof.	Benjamin	B.	Yellen	Duke University	USA	Multiplexing capabilities of multi-frequency magnetic ratchets
59	Semiconductor spintronics I Group IV materials	July 9 (Mon)	15:30-17:00	205	1	AI01	IS	Prof.	David		Awschalom	University of California	USA	Quantum control of single spins in diamond and silicon carbide
60	Semiconductor spintronics I Group IV materials	July 9 (Mon)	15:30-17:00	205	2	AI02			Kazuki		Kubo	Osaka Univ.	Japan	Dynamical spin injection into p-type Si using the spin pumping and spin transport at room temperature
61	Semiconductor spintronics I Group IV materials	July 9 (Mon)	15:30-17:00	205	3	AI03		Dr.	Christian		Rinaldi	CNISM and L NESS - Politecnico di Milano, Via	Italy	Studying the optical spin orientation in Ge by exploiting the spin filtering in Fe/MgO/Ge
62	Semiconductor spintronics I Group IV materials	July 9 (Mon)	15:30-17:00	205	4	AI04		Dr.	Matthieu		Jamet	Commissariat a l'Energie Atomique et aux Energies	France	Transition from spin injection into interface states to the channel in n-Ge
63	Semiconductor spintronics I Group IV materials	July 9 (Mon)	15:30-17:00	205	5	AI05			Sandeep		Sharma	AIST Tsukuba	Japan	Tunneling anisotropy in crystalline Si/MgO/Fe devices
64	Crystalline, nanocrystalline & amorphous materials	July 9 (Mon)	15:30-17:00	206	1	AJ01			Jacob		Torreon	Laboratoire de Physique des Solides (Univ. Paris	France	Micromagnetic models in glass-coated microwires with circumferential anisotropy
65	Crystalline, nanocrystalline & amorphous materials	July 9 (Mon)	15:30-17:00	206	2	AJ02		Prof.	Arcady		Zhukov	Basque Country University, UPV/EHU and Ikerbasque,	Spain	Manipulation of domain wall dynamics in microwires by transverse magnetic field
66	Crystalline, nanocrystalline & amorphous materials	July 9 (Mon)	15:30-17:00	206	3	AJ03		Prof.	Wei		Lu	Tongji University	China	Effect of process parameters on the microstructure and magnetic properties of electrodeposited FeCo thin
67	Crystalline, nanocrystalline & amorphous materials	July 9 (Mon)	15:30-17:00	206	4	AJ04		Mr.	Prakash		Karipath	National Institute of Technology, Tiruchirappalli	India	(Withdrawn) Structure and Magnetic Properties of FeCo alloy Synthesized by a One-Step Polyol
68	Crystalline, nanocrystalline & amorphous materials	July 9 (Mon)	15:30-17:00	206	5	AJ05			Eric		Fleury	Korea Institute of Science and Technology, Seoul	Korea	Investigations of the magnetic and structural properties of a metalloid-free Co80Zr10V10
69	Crystalline, nanocrystalline & amorphous materials	July 9 (Mon)	15:30-17:00	206	6	AJ06		Prof.	Nguyen	Huy	Dan	Institute of Materials Science, 18 Hoang Quoc	Viet Nam	MAGNETOCALORIC EFFECT IN Fe-Ni-Zr ALLOYS PREPARED BY RAPIDLY QUENCHED METHOD
70	Superconductivity I-Cuprate and other superconductors	July 9 (Mon)	17:20-18:50	101	1	BA01	IS	Dr.	Suchitra		Sebastian	University of Cambridge	UK	Nodal pocket revealed by quantum oscillations in an underdoped cuprate superconductor
71	Superconductivity I-Cuprate and other superconductors	July 9 (Mon)	17:20-18:50	101	2	BA02	IS	Prof.	Harold		Hwang	Stanford University	UK	Low-Dimensional Superconductivity in δ -Doped SrTiO3
72	Superconductivity I-Cuprate and other superconductors	July 9 (Mon)	17:20-18:50	101	3	BA03		Dr.	Matthieu		Le Tacon	Max Planck Institute For Solid State Research	Germany	Resonant x-ray scattering from YBCO family
73	Superconductivity I-Cuprate and other superconductors	July 9 (Mon)	17:20-18:50	101	4	BA04		Dr.	Yoshiharu		Sakurai	Japan Synchrotron Radiation Research	Japan	Evolving Electronic Structures of High-Tc Cuprates Studied by Compton Scattering

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74	Valence Fluctuations I	July 9 (Mon)	17:20-18:50	106	1	BB01	IS	Prof.	M. Brian		Maple	University of California, San Diego	USA	Valence fluctuations and their possible role in stabilizing the correlated electron state in the system
75	Valence Fluctuations I	July 9 (Mon)	17:20-18:50	106	2	BB02	IS	Prof.	J.-S.		Kang	The Catholic University of Korea	Korea	Electronic Structures of Novel Ce-based Systems via Photoemission Spectroscopy
76	Valence Fluctuations I	July 9 (Mon)	17:20-18:50	106	3	BB03		Dr., Prof.	Jean-Marie		Le Breton	CNRS - Universite de Rouen	France	Valence state and spin state of Fe in SrFe1-x(Sc,Sn)xO3 perovskites
77	Valence Fluctuations I	July 9 (Mon)	17:20-18:50	106	4	BB04		Mr.	Jan		Fikacek	Charles University in Prague	Czech Republic	Physics of CeRuSn studied on a single crystal
78	Organic and Molecular magnetism /Spin ladder	July 9 (Mon)	17:20-18:50	104	1	BC01	IS	Prof.	Eugenio		Coronado	Instituto Ciencia Molecular - Universidad Valencia	Spain	Quantum effects in Molecular Single-Ion Magnets
79	Organic and Molecular magnetism /Spin ladder	July 9 (Mon)	17:20-18:50	104	2	BC02		Dr.	Jan	Gui-Hyon	Dreiser	Paul Scherrer Institut	Switzerland	Direct observation of a ferri-to-ferromagnetic transition in a fluoride-bridged 3d-4f molecular cluster
80	Organic and Molecular magnetism /Spin ladder	July 9 (Mon)	17:20-18:50	104	3	BC03		Dr.	Kazuya		Miyagawa	University of Tokyo	Japan	Magnetic -filed and angular dependence of magnetism in the triangular Mott insulator κ-(BEDT-
81	Organic and Molecular magnetism /Spin ladder	July 9 (Mon)	17:20-18:50	104	4	BC04		Prof.	Satoru		Maegawa	Kyoto University	Japan	NMR Study of Quantum Spin Liquid in an Organic Triangular Lattice Antiferromagnet
82	Organic and Molecular magnetism /Spin ladder	July 9 (Mon)	17:20-18:50	104	5	BC05		Prof.	Chisa		Hotta	Kyoto Sangyo University	Japan	Wilson Ratio of a Tomonaga-Luttinger liquid in a spin-1/2 Heisenberg ladder
83	Exchange Bias	July 9 (Mon)	17:20-18:50	109	1	BD01	IS	Prof.	Ivan	K	Schuller	University of California-San Diego	USA	Exchange Bias; Where are the pinned uncompensated spins
84	Exchange Bias	July 9 (Mon)	17:20-18:50	109	2	BD02		Dr., Prof.	Jean-Marie		Le Breton	CNRS - Universite de Rouen	France	Atomic diffusion in (Pt/Co)3/IrMn multilayers
85	Exchange Bias	July 9 (Mon)	17:20-18:50	109	3	BD03		Dr.	Wondong		Kim	Korea Research Institute of Standards and Science	Korea	Magnetic properties of ferromagnetic-antiferromagnetic bi-layers with different spin
86	Exchange Bias	July 9 (Mon)	17:20-18:50	109	4	BD04		Prof.	Xavier		Battle	Universitat de Barcelona	Spain	Tuning exchange bias in Ni/FeF2 heterostructures using antidot arrays
87	Exchange Bias	July 9 (Mon)	17:20-18:50	109	5	BD05		Dr.	Zhong		Shi	Tongji University	China	Correlation between training effect and hysteretic behavior of angular dependence of exchange biasing
88	Magnetic Semiconductor	July 9 (Mon)	17:20-18:50	201	1	BE01	IS	Prof.	Sanghoon		Lee	Korea University	Korea	Interlayer exchange coupling in ferromagnetic semiconductor GaMnAs-based multilayers
89	Magnetic Semiconductor	July 9 (Mon)	17:20-18:50	201	2	BE02		Dr.	Maciej		Sawicki	Institute of Physics, Polish Academy of Sciences	Poland	Experimental probing of the magnetic order in ultrathin (Ga,Mn)As
90	Magnetic Semiconductor	July 9 (Mon)	17:20-18:50	201	3	BE03		Dr.	Thibaut		Devillers	Johannes Kepler University	Austria	Origin of ferromagnetism in Ga(1-x)Mn(x)N
91	Magnetic Semiconductor	July 9 (Mon)	17:20-18:50	201	4	BE04			caihong		zhang	The chinese university of HongKong	China	(Withdrawn) The effects of non-magnetic dopant on semiconductor materials
92	Magnetic Semiconductor	July 9 (Mon)	17:20-18:50	201	5	BE05		Dr.	Xavier		Marti	Charles University in Prague	Czech Republic	I-Mn-V room temperature antiferromagnetic semiconductors
93	3d Transition Metal Oxides	July 9 (Mon)	17:20-18:50	202	1	BF01	IS	Prof.	J.	P.	Attfield	University of Edinburgh	UK	The Verwey phase of magnetite - a long-running mystery in magnetism
94	3d Transition Metal Oxides	July 9 (Mon)	17:20-18:50	202	2	BF02		Prof.	Despina		Louca	University of Virginia	USA	Possible link of a structurally driven spin flip transition and the insulator-metal transition in the perovskite
95	3d Transition Metal Oxides	July 9 (Mon)	17:20-18:50	202	3	BF03			stefano		agrestini	Max-Planck Institut CPFS	Germany	Slow magnetic crossover in the frustrated magnet Ca3Co2O6
96	3d Transition Metal Oxides	July 9 (Mon)	17:20-18:50	202	4	BF04		Dr.	Marat		Timirgazin	Physical-Technical Institute of Ural Branch of Russian	Russia	Incommensurate magnetic states in itinerant systems
97	3d Transition Metal Oxides	July 9 (Mon)	17:20-18:50	202	5	BF05		Mr.	Changsoo		KIM	KAIST	Korea	Canted spins of Mn3O4 investigated by 55Mn2+ and 55Mn3+ Nuclear Magnetic Resonance in magnetic

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98	Energy Assisted Magnetic Recording	July 9 (Mon)	17:20-18:50	203	1	BG01	IS	Dr.	Yukiko	K.	Takahashi	National Institute for Materials Science	Japan	L10 ordered FePt based granular films for thermally assisted magnetic recording
99	Energy Assisted Magnetic Recording	July 9 (Mon)	17:20-18:50	203	2	BG02	IS	Dr.	Tiffany		Santos	Hitachi GST	USA	Nanogranular FePt Films for Thermally Assisted Recording
100	Energy Assisted Magnetic Recording	July 9 (Mon)	17:20-18:50	203	3	BG03		Mr.	Tatsuya		Ubana	Nihon university	Japan	Single crystalline isolated grains of L10-ordered FeCuPt prepared by combination of Rapid Thermal
101	Energy Assisted Magnetic Recording	July 9 (Mon)	17:20-18:50	203	4	BG04		Prof.	Kazuetsu		Yoshida	Kogakuin University	Japan	Oscillation Characteristics of Spin-Torque Oscillator Calculated using Integrated Simulator with SPT Writer
102	Interdisciplinary technology	July 9 (Mon)	17:20-18:50	204	1	BH01		Dr.	Thanos		Mitrelias	University of Cambridge	United Kingdom	(Withdrawn) Magnetic nanotechnology for cancer treatment
103	Interdisciplinary technology	July 9 (Mon)	17:20-18:50	204	2	BH02		Prof.	Sang-Suk		Lee	Sangji University	Korea	The Low Magnetic Field Effect of Sanals of Primo Vascular System
104	Interdisciplinary technology	July 9 (Mon)	17:20-18:50	204	3	BH03		Prof.	Vitalii		Zablotskii	Institute of Physics	Czech Republic	Magnetic Targeting of Mesenchymal Stem Cells in the Spinal Cord
105	Interdisciplinary technology	July 9 (Mon)	17:20-18:50	204	4	BH04		Dr.	SUBRATA		SAHU	LINGAYAS UNIVERSITY	India	Tilted Bianchi Type ?I Magnetised Viscous Fluid Cosmological Model
106	Interdisciplinary technology	July 9 (Mon)	17:20-18:50	204	5	BH05			Shiro		Entani	Japan Atomic Energy Agency	Japan	Growth of highly uniform graphene for spintronic applications
107	Interdisciplinary technology	July 9 (Mon)	17:20-18:50	204	6	BH06		Dr.	Yoshihiro		Matsumoto	Japan Atomic Energy Agency	Japan	Depth-resolved XMCD spectroscopy on single-layer graphene / Ni structure
108	STT MRAM & Magnetic Logic	July 9 (Mon)	17:20-18:50	205	1	BI01	IS	Dr., Prof.	Shinji		Yuasa	National Institute of Advanced Industrial	Japan	Magnetoresistance and spin-transfer torque in magnetic tunnel junctions
109	STT MRAM & Magnetic Logic	July 9 (Mon)	17:20-18:50	205	2	BI02	IS	Prof.	Tetsuo		Endoh	Tohoku University	Japan	MTJ based Non Volatile Logic for Ultimate Power Management
110	STT MRAM & Magnetic Logic	July 9 (Mon)	17:20-18:50	205	3	BI03	IS	Prof.	Tomas		Jungwirth	Institute of Physics ASCR, v.v.i., Prague	Czech Republic	Spin gating a transistor and spintronics with antiferromagnets
111	Ferrites, Garnets and other materials	July 9 (Mon)	17:20-18:50	206	1	BJ01		Prof.	Hsing-I		Hsiang	National Cheng Kung University	Taiwan	Co2Y-NiCuZn Ferrite Composites with High Permeability
112	Ferrites, Garnets and other materials	July 9 (Mon)	17:20-18:50	206	2	BJ02		Dr.	DIMITRIOS	G	NIARCHOS	NCSR DEMOKRITOS	Greece	Investigation of Fe2YZ (Y=Ni, Cu; Z=Sn, Ga): The Heusler Compounds With Tetragonal Structure.
113	Ferrites, Garnets and other materials	July 9 (Mon)	17:20-18:50	206	3	BJ03			Nastiti		Elwindari	University of Indonesia	Indonesia	(Withdrawn) Crystallite Growth Kinetics and Microwave Properties of Fe-Ti Substituted
114	Ferrites, Garnets and other materials	July 9 (Mon)	17:20-18:50	206	4	BJ04		Prof.	Young Ho		Han	Sungkyunkwan University	Korea	Electromagnetic Characteristics of Cu Substituted Co2Z-type Ferrites Ba3Co2-xCuxFe24O41
115	Ferrites, Garnets and other materials	July 9 (Mon)	17:20-18:50	206	5	BJ05		Dr.	Parvatheeswara Rao		Balaga	Andhra University	India	Electrical and magnetic properties of nickel and magnesium co-substituted lithium ferrites
116	Ferrites, Garnets and other materials	July 9 (Mon)	17:20-18:50	206	6	BJ06		Dr.	Ismayadi		Ismail	Universiti Putra Malaysia	Malaysia	Resistivity and Complex Permeability Dependence on Isochronal Recovery in Polycrystalline Yttrium Iron
117	Superconductivity II-Cuprate and other superconductors	July 10 (Tue)	11:00-12:30	101	1	CA01	IS	Prof.	Takami		Tohyama	Kyoto University	Japan	Spin and charge excitations in cuprates and iron pnictides revealed by simulated resonant inelastic x-
118	Superconductivity II-Cuprate and other superconductors	July 10 (Tue)	11:00-12:30	101	2	CA02	IS	Prof.	Jinho		Lee	SNU/BNL	Korea	Discovery of Fermi Surface near Anti-Node in Pseudogap Phase of the Under-Doped Bi-2212
119	Superconductivity II-Cuprate and other superconductors	July 10 (Tue)	11:00-12:30	101	3	CA03	IS	Prof.	Yuan		Li	Peking University	China	Feedback effect on high-energy magnetic fluctuations in the model high-temperature superconductor
120	Magnetic Nanoparticles I	July 10 (Tue)	11:00-12:30	106	1	CB01	IS	Prof.	Tae Hee		Kim	Ewha Womans University	Korea	Ferromagnetism of Au nanoparticle assemblies: role of chemical and structural parameters in magnetic
121	Magnetic Nanoparticles I	July 10 (Tue)	11:00-12:30	106	2	CB02		Dr., Prof.	Jose		Rivas	International Iberian Nanotechnology	Spain	Air-stable Fe@Au nanoparticles synthesized by the microemulsion's method

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122	Magnetic Nanoparticles I	July 10 (Tue)	11:00-12:30	106	3	CB03		Dr.	Kalliopi		Trohidou	National Center for Scientific Research	Greece	Numerical Study of the exchange bias effects in assemblies of core/shell nanoparticles
123	Magnetic Nanoparticles I	July 10 (Tue)	11:00-12:30	106	4	CB04		Dr.	Francesco		Pineider	CNR - ISTM Milano @ INSTM Udr Florence	Italy	Exploring the effect of Co doping in the magnetic and magneto-optical properties of fine maghemite
124	Magnetic Nanoparticles I	July 10 (Tue)	11:00-12:30	106	5	CB05			Ozan		Akdogan	University of Delaware	USA	Novel Technique for Self Assembly of Magnetic Nanoparticles by Cluster Beam Deposition
125	Spin liquid/Spin ice	July 10 (Tue)	11:00-12:30	104	1	CC01	IS	Prof.	Steve		Bramwell	University College London	UK	Magnetricity and Magnetic Monopoles in Spin ice
126	Spin liquid/Spin ice	July 10 (Tue)	11:00-12:30	104	2	CC02		Dr.	Luis		Balicas	NHMFL	USA	Recent developments in quantum spin liquid candidates
127	Spin liquid/Spin ice	July 10 (Tue)	11:00-12:30	104	3	CC03		Prof.	A.		Zheludev	ETH Zurich	Switzerland	Static and dynamic properties of a strong-leg spin ladder
128	Spin liquid/Spin ice	July 10 (Tue)	11:00-12:30	104	4	CC04		Dr.	Sergei		Zherlitsyn	Helmholtz-Zentrum Dresden-Rossendorf	Germany	Nonstationary processes in the spin-ice materials Dy ₂ Ti ₂ O ₇ and Ho ₂ Ti ₂ O ₇ investigated by ultrasound
129	Spin liquid/Spin ice	July 10 (Tue)	11:00-12:30	104	5	CC05		Dr.	Kenta		Kimura	University of Tokyo	Japan	Study of Low-Temperature Magnetism in a Pr-based Pyrochlore Magnet
130	Heavy Fermions I	July 10 (Tue)	11:00-12:30	109	1	CD01	IS	Prof.	Silke		Paschen	Vienna University of Technology	Austria	A materials-based global phase diagram for heavy-fermion quantum criticality
131	Heavy Fermions I	July 10 (Tue)	11:00-12:30	109	2	CD02	IS	Dr.	Satoru		Nakatsuji	University of Tokyo	Japan	Anomalous metals with strong valence / orbital fluctuations
132	Heavy Fermions I	July 10 (Tue)	11:00-12:30	109	3	CD03		Dr., Prof.	Clemens		Laubschat	Technische Universitat Dresden	Germany	Ce-based iron-pnictides: Intermediate valence and heavy-Fermion behavior versus magnetism and
133	Heavy Fermions I	July 10 (Tue)	11:00-12:30	109	4	CD04		Ms.	Nikola		Egetenmeyer	Paul Scherrer Institut	Switzerland	Observation of the quantum critical point in CeRhSi ₃ with the muon spin rotation technique
134	Spin transfer oscillators	July 10 (Tue)	11:00-12:30	201	1	CE01		Prof.	Johan		Akerman	University of Gothenburg	Sweden	Self-modulation in perpendicular anisotropy Co/Ni based spin-torque oscillators
135	Spin transfer oscillators	July 10 (Tue)	11:00-12:30	201	2	CE02		Dr.	Anh	T. N	Nguyen	KTH, Royal Institute of Technology	Sweden	Magnetization tilt angles in [Pd/Co]/Cu/[Co/Pd]-NiFe pseudo spin valves
136	Spin transfer oscillators	July 10 (Tue)	11:00-12:30	201	3	CE03		Dr.	Paolo		Bortolotti	Unite Mixte de Physique CNRS/Thales	France	Temperature dependence of microwave voltage emission associated to spin-transfer induced vortex
137	Spin transfer oscillators	July 10 (Tue)	11:00-12:30	201	4	CE04			Byoung-Chul		Min	Korea Institute of Science and Technology	Korea	Zero external-field microwave oscillations in MgO magnetic tunnel junctions
138	Spin transfer oscillators	July 10 (Tue)	11:00-12:30	201	5	CE05			Yuuki		Kozono	Tohoku University	Japan	NMR based spin-torque microwave generator and detector with high signal purity
139	Spin transfer oscillators	July 10 (Tue)	11:00-12:30	201	6	CE06		Ms.	Eva		Grimaldi	Unite Mixte de Physique CNRS/Thales	France	Conditions for zero field spin transfer induced vortex oscillations with a perpendicular spin polarizer
140	Actinides & Lanthanides	July 10 (Tue)	11:00-12:30	202	1	CF01	IS	Prof.	Collin		Broholm	Johns Hopkins University	USA	Spin-orbital short-range order on a honeycomb based lattice
141	Actinides & Lanthanides	July 10 (Tue)	11:00-12:30	202	2	CF02	IS	Prof.	Paolo		Santini	University of Parma	Italy	Quadrupolar waves in uranium dioxide
142	Actinides & Lanthanides	July 10 (Tue)	11:00-12:30	202	3	CF03		Mr.	Jin-hee		Kim	KyungHee University	Korea	Magnon gap formation and charge density wave effect on thermoelectric properties in SmNiC ₂
143	Actinides & Lanthanides	July 10 (Tue)	11:00-12:30	202	4	CF04		Dr.			Miyasaka	Department of Physics, Osaka University	Japan	Effect of R ion size variance on spin and orbital order in RVO ₃ (R=rare earth and Y)
144	Semiconductor spintronics II Group III-V materials	July 10 (Tue)	11:00-12:30	203	1	CG01	IS	Prof.	Paul		Crowell	University of Minnesota	USA	Spin Hall effects in n-GaAs near the metal-insulator transition
145	Semiconductor spintronics II Group III-V materials	July 10 (Tue)	11:00-12:30	203	2	CG02		Mr.	Luke		Fleet	The University of York	United Kingdom	The effect of an inhomogeneous interface on the transport properties across Fe/GaAs(001) films

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146	Semiconductor spintronics II Group III-V materials	July 10 (Tue)	11:00-12:30	203	3	CG03		Mr.	Julian		Peiro	UMPhy CNRS-Thlaes	France	SPIN ACCUMULATION AND DECOHERENCE MECHANISMS AT Ferromagnetic/Tunnel
147	Semiconductor spintronics II Group III-V materials	July 10 (Tue)	11:00-12:30	203	4	CG04		Ms.	Shwetha	Govinda	Bhat	Indian Institute of Science, Bangalore	India	Electrical spin accumulation and detection in Fe3O4/MgO/GaAs systems
148	Semiconductor spintronics II Group III-V materials	July 10 (Tue)	11:00-12:30	203	5	CG05			Fatih		Dogan	KAUST	Saudi Arabia	Spin Relaxation in defect-free InGaN/GaN Quantum Wells
149	Heusler alloys etc	July 10 (Tue)	11:00-12:30	204	1	CH01	IS	Prof.	Alexander		Granovsky	M.V. Lomonosov Moscow State University	Russia	Magnetic, magnetotransport and magnetocaloric properties of quaternary Ni-Mn-In-Z Heusler alloys
150	Heusler alloys etc	July 10 (Tue)	11:00-12:30	204	2	CH02		Dr., Prof.	Shigemi		Mizukami	Tohoku University	Japan	Composition dependence of magnetic properties in tetragonal Heusler-like Mn-Ga alloy films with large
151	Heusler alloys etc	July 10 (Tue)	11:00-12:30	204	3	CH03		Dr.	Jaroslav		Hamrle	VSB - Technical University of Ostrava	Czech Republic	Optical spectroscopy of half-metallic and thermoelectric Heusler compounds.
152	Heusler alloys etc	July 10 (Tue)	11:00-12:30	204	4	CH04		Dr.	Martin		Jourdan	University Mainz	Germany	Verification of band structure calculations for the Heusler compound Co2MnGa
153	Heusler alloys etc	July 10 (Tue)	11:00-12:30	204	5	CH05		Mr.	Jeroen		Franken	Eindhoven University of Technology	Netherlands	Field-driven domain-wall ratchet shift register
154	Multiferroics II-Scattering	July 10 (Tue)	11:00-12:30	205	1	CI01	IS	Prof.	Dimitrios		Argyriou	European Spallation Source ESS AB	Sweden	Solitonic lattice and Yukawa forces in the rare earth orthoferrite TbFeO3
155	Multiferroics II-Scattering	July 10 (Tue)	11:00-12:30	205	2	CI02	IS	Dr.	Laurent		Chapon	Institut Laue-Langevin	France	Ferroelectricity from magnetic helicity in ferroaxial crystals
156	Multiferroics II-Scattering	July 10 (Tue)	11:00-12:30	205	3	CI03		Prof.	Jae-Ho		Chung	Korea University	Korea	Chemical-doping control of magnetoelectric multiferroics
157	Multiferroics II-Scattering	July 10 (Tue)	11:00-12:30	205	4	CI04		Dr.	Dinesh		Shukla	Deutsch Elektronen-Synchrotron (DESY)	Germany	Magnetic X-ray Scattering Studies on Multiferroic SmFe3(BO3)4
158	Magneto-dielectric materials or meta-materials	July 10 (Tue)	11:00-12:30	206	1	CJ01	IS	Prof.	Alexander	M.	Grishin	KTH Royal Institute of Technology	Sweden	Spin excitations and transformation of domain structure in nanocrystalline CoFeB? SiO2 films with
159	Magneto-dielectric materials or meta-materials	July 10 (Tue)	11:00-12:30	206	2	CJ02		Prof.	Arcady		Zhukov	Basque Country University, UPV/EHU and Ikerbasque,	Spain	GMI effect of amorphous microwires with enhanced magnetic softness
160	Magneto-dielectric materials or meta-materials	July 10 (Tue)	11:00-12:30	206	3	CJ03		Prof.	Jae		Park	Kwangwoon University	Korea	Micro-Fabricated Silicon Spiral Spring based Electromagnetic Energy Harvester
161	Magneto-dielectric materials or meta-materials	July 10 (Tue)	11:00-12:30	206	4	CJ04		Dr.	Alexander		Chizhik	Universidad del Pais Vasco UPV/EHU	Spain	Magneto-optical study of magnetization reversal in sub-micrometric glass covered wires
162	Magneto-dielectric materials or meta-materials	July 10 (Tue)	11:00-12:30	206	5	CJ05		Mr.	Khai	Van	Vu	National University of Civil Engineering	Viet Nam	The magnetic transition and large magnetoresistance effect in perovskite Nd1-xSrxMnO3 system
163	Superconductivity III-Fe-based superconductors	July 10 (Tue)	15:30-17:00	101	1	DA01	IS	Prof.	Masatoshi		Sato	Comprehensive Research Organization for Science	Japan	Superconducting Symmetry of Fe-based Systems Studied by Impurity Effects and Neutron inelastic
164	Superconductivity III-Fe-based superconductors	July 10 (Tue)	15:30-17:00	101	1	DA02	IS	Prof.	Atsushi		Fujimori	University of Tokyo	Japan	Carrier doping versus impurity effects in transition metal-substituted iron-based superconductors
165	Superconductivity III-Fe-based superconductors	July 10 (Tue)	15:30-17:00	101	3	DA03		Prof.	greg		stewart	Univ. Florida	USA	Specific Heat Measurements on FePn in Fields Up to Hc2 - A Probe of Nodal Structure
166	Superconductivity III-Fe-based superconductors	July 10 (Tue)	15:30-17:00	101	4	DA04		Dr.	Hidekazu		Mukuda	Osaka University	Japan	NMR Study on high temperature Fe-pnictide superconductor Ln-Fe-As-O with Tc=50 K
167	Kondo Systems I	July 10 (Tue)	15:30-17:00	106	1	DB01	IS	Prof.	Shik		SHIN	University of Tokyo	Japan	Ultrahigh-resolution and Time-resolved Laser Photoemission study on Kondo materials
168	Kondo Systems I	July 10 (Tue)	15:30-17:00	106	2	DB02			Peter		Thalmeier	Max Planck Institute for Chemical Physics of Solids	Germany	Magnetic moment screening in the correlated Kondo lattice model
169	Kondo Systems I	July 10 (Tue)	15:30-17:00	106	3	DB03		Dr.	Maciej		Misiorny	Adam Mickiewicz University	Poland	Influence of magnetic anisotropy on the underscreened Kondo effect in the presence of

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170	Kondo Systems I	July 10 (Tue)	15:30-17:00	106	4	DB04		Prof.	Chung-Hou		Chung	National Chiao-Tung University, HsinChu,	Taiwan	(Withdraw) Quantum criticality out of equilibrium in the pseudogap Kondo model
171	Kondo Systems I	July 10 (Tue)	15:30-17:00	106	5	DB05			Robert		Peters	Kyoto University	Japan	A spin-selective Kondo-insulator - Cooperation between Ferromagnetism and Kondo-effect
172	Spin-orbit/Spin-Lattice/Spin-orbital physics	July 10 (Tue)	15:30-17:00	104	1	DC01	IS	Prof.	Giniyat		Khaliullin	Max Planck Institute for Solid State Research	Germany	Spin-orbit entangled ground states and excitations in iridium oxides
173	Spin-orbit/Spin-Lattice/Spin-orbital physics	July 10 (Tue)	15:30-17:00	104	2	DC02	IS	Prof.	Jeroen		van den Brink	IFW Dresden	Germany	Elementary Magnetic Excitations of Iridates and Cuprates probed by Resonant Inelastic X-ray
174	Spin-orbit/Spin-Lattice/Spin-orbital physics	July 10 (Tue)	15:30-17:00	104	3	DC03		Prof.	Young-June		Kim	University of Toronto	Canada	Resonant Inelastic X-ray Scattering study of Na2IrO3
175	Spin-orbit/Spin-Lattice/Spin-orbital physics	July 10 (Tue)	15:30-17:00	104	4	DC04		Dr.	Pinaki		Sengupta	Nanyang Technological University	Singapore	Magnetization plateaus in generalized Shastry-Sutherland models
176	Diluted Magnetic Semiconductors and Others	July 10 (Tue)	15:30-17:00	109	1	DD01		Dr.	Matthieu		Jamet	Commissariat a l'Energie Atomique et aux Energies	France	Modulated spinodal decomposition and magnetotransport in (Ge,Mn) films grown on
177	Diluted Magnetic Semiconductors and Others	July 10 (Tue)	15:30-17:00	109	2	DD02		Dr.	Maciej		Sawicki	Institute of Physics, Polish Academy of Sciences	Poland	Homogenous and heterogeneous magnetism in (Zn,Co)O
178	Diluted Magnetic Semiconductors and Others	July 10 (Tue)	15:30-17:00	109	3	DD03		Ms.	Tong		Li	National University of Singapore	Singapore	Magnetic and Optical Studies of Hydrogenated Cu-doped ZnO Film
179	Diluted Magnetic Semiconductors and Others	July 10 (Tue)	15:30-17:00	109	4	DD04			Alexey		Grunin	Immanuel Kant Baltic Federal University	Russia	Formation and investigation of structural and magnetic properties of Ni-Mn-In Heusler alloy thin
180	Diluted Magnetic Semiconductors and Others	July 10 (Tue)	15:30-17:00	109	5	DD05		Dr.	Karine		Dumesnil	Institut Jean Lamour	France	(Withdrawn) MAGNETIC EXCITATIONS IN RARE EARTH BASED NANOSYSTEMS
181	Diluted Magnetic Semiconductors and Others	July 10 (Tue)	15:30-17:00	109	6	DD06		Dr.	DIMITRIOS	G	NIARCHOS	NCSR DEMOKRITOS	Greece	Exchange coupled L10 FePt (hard)/ soft (A1 FePt or Co) nanocomposites
182	Magnetic memories and logics	July 10 (Tue)	15:30-17:00	201	1	DE01	IS	Prof.	Thomas		Schrefl	St. Poelten University of Applied Sciences	Austria	Micromagnetic simulation of magnetic nanostructures
183	Magnetic memories and logics	July 10 (Tue)	15:30-17:00	201	2	DE02		Prof.	Alexander		Gerber	Tel Aviv University	Israel	Multi-bit magnetic memory based on the Extraordinary Hall effect.
184	Magnetic memories and logics	July 10 (Tue)	15:30-17:00	201	3	DE03		Ms.	Greta		Radaelli	LNESS center - Polo regionale di Como -	Italy	EPITAXIAL Fe/MgO/Fe TUNNELLING JUNCTIONS ON BaTiO3 (001)
185	Magnetic memories and logics	July 10 (Tue)	15:30-17:00	201	4	DE04		Dr.	Hikaru		Nomura	Osaka University	Japan	Experimentally performed periodic NOT/AND/OR magnetic quantum dots cellular automata gate
186	Magnetic memories and logics	July 10 (Tue)	15:30-17:00	201	5	DE05		Dr.	Young-sang		Yu	Seoul National University	Korea	Energy-efficient control of vortex-core polarizations by tailored orthogonal pulse currents in cross-point
187	Chiral magnet & Magnetic Skyrmions	July 10 (Tue)	15:30-17:00	202	1	DF01	IS	Prof.	Jung Hoon		Han	Sungkyunkwan Univ.	Korea	Skyrmion Dynamics in Metallic Chiral Ferromagnet
188	Chiral magnet & Magnetic Skyrmions	July 10 (Tue)	15:30-17:00	202	2	DF02		Mr.	Tim		Adams	Physik-Department E21, Technische Universitat	Germany	Long-Range Crystalline Nature of the Skyrmion Lattice in MnSi
189	Chiral magnet & Magnetic Skyrmions	July 10 (Tue)	15:30-17:00	202	3	DF03		Prof.	Jun-ichiro		Kishine	The Open University of Japan	Japan	Magnetic textures and electron transport in chiral helimagnets
190	Chiral magnet & Magnetic Skyrmions	July 10 (Tue)	15:30-17:00	202	4	DF04		Dr.	Sergey		Grigoriev	Petersburg Nuclear Physics Institute	Russia	The hexagonal spin structure of A-phase in MnSi
191	Magnetic Nanowires	July 10 (Tue)	15:30-17:00	203	1	DG01		Mr., Dr.	Wolfgang		Kreuzpaintner	Technische Universitaet Muenchen	Germany	Preparation and Analysis of Ni Nanowires on Si Gratings
192	Magnetic Nanowires	July 10 (Tue)	15:30-17:00	203	2	DG02		Dr., Prof.	Jean-Marie		Le Breton	CNRS - Universite de Rouen	France	Elaboration and characterization of Cu/Co multilayered nanowires
193	Magnetic Nanowires	July 10 (Tue)	15:30-17:00	203	3	DG03		Dr.	Cristina		Bran	ICMM CSIC	Spain	Microstructure and magnetic properties of as-deposited and annealed FeCo-based nanowires

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194	Magnetic Nanowires	July 10 (Tue)	15:30-17:00	203	4	DG04		Dr.	Massimo		Pasquale	INRIM	Italy	FMR behavior of Co nanowire arrays
195	Magnetic Nanowires	July 10 (Tue)	15:30-17:00	203	5	DG05		Dr.	Cesar		Magen	Instituto de Nanociencia de Aragon-ARAID,	Spain	In situ magnetic field dependent Lorentz microscopy in Co nanowires grown by focused electron beam
196	Magnetic Nanowires	July 10 (Tue)	15:30-17:00	203	6	DG06		Dr.	Xuezhe		Yu	Institute of Semiconductors, Chinese	China	Morphology and magnetic properties of GaAs/(Ga,Mn)As core-shell nanowires on Si (111)
197	Oxide	July 10 (Tue)	15:30-17:00	204	1	DH01	IS	Prof.	Suzuki		Yuri	Stanford University	USA	Novel Functionality and Devices via Complex Oxide Heteroepitaxy
198	Oxide	July 10 (Tue)	15:30-17:00	204	2	DH02		Dr.	Alix		McCollam	High Field Magnet Laboratory, Radboud	Netherlands	Quantum Oscillations and Subband Properties of the LaAlO ₃ /SrTiO ₃ Heterointerface.
199	Oxide	July 10 (Tue)	15:30-17:00	204	3	DH03		Ms.	Daniel	Graham	Porter	Royal Holloway	United Kingdom	Electronic Ordering in Sodium Cobaltate
200	Oxide	July 10 (Tue)	15:30-17:00	204	4	DH04		Dr.	Antonio		Ruotolo	City University of Hong Kong	Hong Kong	Electrical switching of the magnetic phase in semiconductor oxides
201	Oxide	July 10 (Tue)	15:30-17:00	204	5	DH05		Dr.	S	M	YUSUF	BHABHA ATOMIC RESEARCH CENTRE	India	An approach to achieve layered spintronics material using Brownmillerite compound Ca _{2.5} Sr _{0.5} GaMn ₂ O ₈
202	Spin caloritronics I	July 10 (Tue)	15:30-17:00	205	1	DI01	IS	Prof.	Sergio	O	Valenzuela	ICREA and Catalan Institute of	Spain	Magnon-drag thermopile
203	Spin caloritronics I	July 10 (Tue)	15:30-17:00	205	2	DI02	IS	Dr.	Ron		Jansen	National Institute of Advanced Industrial	Japan	Seebeck spin tunneling in silicon
204	Spin caloritronics I	July 10 (Tue)	15:30-17:00	205	3	DI03	IS	Dr.	Andy		Thomas	Bielefeld University	Germany	Tunneling magneto Seebeck effect
205	Applications	July 10 (Tue)	15:30-17:00	206	1	DJ01	IS	Prof.	Manh-Huong	Phan	Phan	University of South Florida	USA	Novel Clathrate-based Composite Materials for Energy-efficient Magnetic Refrigeration
206	Applications	July 10 (Tue)	15:30-17:00	206	2	DJ02		Dr.	Jong-Woo		Kim	Korea Institute of Materials Science (KIMS)	Korea	Magnetocaloric properties of doped La _{0.7} Sr _{0.3} MnO ₃ bulk ceramic and thick films
207	Applications	July 10 (Tue)	15:30-17:00	206	3	DJ03		Ms.	Mst.		Nazmunnahar	University of Basque Country(UPV/EHU)	Spain	Structural ,magnetic and magnetocaloric properties of Ni ₅₀ Mn _{37.5} Sn _{12.5} ribbon Heusler alloys.
208	Applications	July 10 (Tue)	15:30-17:00	206	4	DJ04		Dr.	Vladimir		Khovaylo	National University of Science and Technology	Russia	Dependence of the magnetocaloric effect in ferromagnetic shape memory Heusler alloys on
209	Applications	July 10 (Tue)	15:30-17:00	206	5	DJ05		Prof.	Abdelwaheb		CHEIKHROUHO	Faculty of Sciences of Sfax	Tunisia	Magnetocaloric effects in manganites with perovskite structure
210	Non-Fermi Liquids and Quantum Phase Transitions II	July 10 (Tue)	17:20-18:50	101	1	EA01	IS	Prof.	Hilbert	v.	Lohneysen	Karlsruhe Institute of Technology	Germany	Quantum Phase Transitions in Heavy-Fermion Systems
211	Non-Fermi Liquids and Quantum Phase Transitions II	July 10 (Tue)	17:20-18:50	101	2	EA02	IS	Prof.	Matthias		Vojta	Technische Universitaet Dresden	Germany	Lifshitz transitions and non-Fermi liquid behavior in heavy-fermion metals
212	Non-Fermi Liquids and Quantum Phase Transitions II	July 10 (Tue)	17:20-18:50	101	3	EA03			Neil		Harrison	LANL	USA	Sequential spin polarization of the Fermi surface pockets in URu ₂ Si ₂ and its implications
213	Non-Fermi Liquids and Quantum Phase Transitions II	July 10 (Tue)	17:20-18:50	101	4	EA04		Ms.	Dan		Sun	University of Toronto	Canada	Hydrostatic pressure study of the nematicity of Sr ₃ Ru ₂ O ₇
214	SCES Theory I	July 10 (Tue)	17:20-18:50	106	1	EB01	IS	Prof.	T.		Devereaux	Stanford University	USA	Pump-probe response for correlated electron systems out of equilibrium
215	SCES Theory I	July 10 (Tue)	17:20-18:50	106	2	EB02	IS	Prof.	Philipp		Werner	University of Fribourg	Switzerland	Correlated electrons in strong electric fields
216	SCES Theory I	July 10 (Tue)	17:20-18:50	106	3	EB03		Dr.	Hantao		Lu	Yukawa Institute for Theoretical Physics, Kyoto	Japan	Photoinduced phase transition in one-dimensional extended Hubbard model
217	SCES Theory I	July 10 (Tue)	17:20-18:50	106	4	EB04		Dr.	Jason	T	Haraldsen	Los Alamos National Laboratory	USA	Electric-Field Effects on Complex Oxide Interfaces: Possible Two-Band Superconductivity

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No.	Session title	Date	Time	Room	Speaker NO.	Present ation Code	Invited Speaker	Title	First Name	Middle Name	Last Name	Institute	Country	Title
218	Electronic Structure / Spintronic materials	July 10 (Tue)	17:20-18:50	104	1	EC01	IS	Prof.	B.		Johansson	University of Uppsala	Sweden	Electronic Structure and Phonons in the High Pressure Phases of Cerium
219	Electronic Structure / Spintronic materials	July 10 (Tue)	17:20-18:50	104	2	EC02		Prof.	Kohji		Nakamura	Mie University	Japan	mena to Non-collinear Magnetism and Electric Field Ef
220	Electronic Structure / Spintronic materials	July 10 (Tue)	17:20-18:50	104	3	EC03		Prof.	Tamio		Oguchi	Osaka University	Japan	First-Principles Calculation of the A-Site Ordered Perovskite CaCu ₃ Fe ₄ O ₁₂
221	Electronic Structure / Spintronic materials	July 10 (Tue)	17:20-18:50	104	4	EC04			Javier		HERRERO-MARTIN	Institute of Materials Science of Barcelona -	Spain	Pr partial electron donation and Co spin state changes at the metal-insulator transition in (Pr _{1-y} Y _y) ₁₋
222	Electronic Structure / Spintronic materials	July 10 (Tue)	17:20-18:50	104	5	EC05			Wolfram		Brenig	Technical University Braunschweig, Institute for	Germany	Spin transport in the anisotropic Heisenberg chain at finite temperature and momentum
223	Magnetic Thin Films and Nanostructures I	July 10 (Tue)	17:20-18:50	109	1	ED01		Dr.	Mitsuru		Ohtake	Chuo University	Japan	Growth of Metastable fcc-Fe Film on Cu(100) Single-Crystal Underlayer and Phase Transformation from fcc
224	Magnetic Thin Films and Nanostructures I	July 10 (Tue)	17:20-18:50	109	2	ED02		Mr.	Ying-Ta		Shih	National Chung Cheng University	Taiwan	Neel temperature and the thickness of surface NiO
225	Magnetic Thin Films and Nanostructures I	July 10 (Tue)	17:20-18:50	109	3	ED03		Dr.	Rafael		Morales	University of the Basque Country	Spain	Reduced exchange bias field in antiferromagnet-patterned Fe ₂ /Ni stripes
226	Magnetic Thin Films and Nanostructures I	July 10 (Tue)	17:20-18:50	109	4	ED04		Mr.	Shuhei		Toyokawa	Osaka Univ.	Japan	Experimental verification of the magnetic interactions between Co particles in C60-Co granular films
227	Magnetic Thin Films and Nanostructures I	July 10 (Tue)	17:20-18:50	109	5	ED05		Dr.	Zhihong		WANG	Institute of Physics, Chinese Academy of	China	Emergent magnetic switching in spin glass La _{0.7} Sr _{0.3} (Mn,Fe) ₂ O ₃ /La _{0.7} Sr _{0.3} MnO ₃ thin films
228	Magnetic Thin Films and Nanostructures I	July 10 (Tue)	17:20-18:50	109	6	ED06		Prof.	Sergey		Demishev	General Physics Institute of RAS	Russia	FM-AFM crossover in vanadium oxide nanomaterials.
229	Spin-orbit spin torque	July 10 (Tue)	17:20-18:50	201	2	EE01		Prof.	Ingrid		Mertig	Martin Luther University Halle	Germany	Spin Hall effect from first principles
230	Spin-orbit spin torque	July 10 (Tue)	17:20-18:50	201	1	EE02	IS	Prof.	Mark		Stiles	National Institute of Standards and Technology	USA	Spin transfer torques in magnetic bilayers with strong spin orbit coupling
231	Spin-orbit spin torque	July 10 (Tue)	17:20-18:50	201	2	EE03		Dr.	Xuhui		Wang	KAUST	Saudi Arabia	Diffusive spin dynamics in ferromagnetic thin films with a Rashba interaction
232	Spin-orbit spin torque	July 10 (Tue)	17:20-18:50	201	3	EE04		Dr.	Akihito		Takeuchi	Tokyo Metropolitan University	Japan	Emergence of magnetic monopoles in magnetic systems with spin-orbit coupling
233	Spin-orbit spin torque	July 10 (Tue)	17:20-18:50	201	4	EE05			Kyoung-Whan		Kim	POSTECH	Korea	Generalization of Gilbert damping in Rashba systems
234	Intermetallic compounds	July 10 (Tue)	17:20-18:50	202	1	EF01	IS	Prof.	Takahiro		Onimaru	Hiroshima University	Japan	Superconducting, antiferroquadrupolar, and structural transitions in caged compounds PrT ₂ Zn ₂₀ (T=Ru, Rh,
235	Intermetallic compounds	July 10 (Tue)	17:20-18:50	202	2	EF02		Dr.	Shane	Joseph	Kennedy	Australian Nuclear Science and Technology	Australia	Structural and magnetic phase separation in PrMn ₂ Ge _{2-x} Si _x and related compounds
236	Intermetallic compounds	July 10 (Tue)	17:20-18:50	202	3	EF03		Dr.	Julia		Herrero-Albillos	Centro Universitario de la Defensa de Zaragoza	Spain	Observations of magnetic and ferroelastic nanoclusters in RCo ₂ .
237	Intermetallic compounds	July 10 (Tue)	17:20-18:50	202	4	EF04		Prof.	Takashi		Uchida	Hokkaido Institute of Technology	Japan	First-principles molecular dynamics study on the magnetic structure of Mn ₃ Pt
238	Intermetallic compounds	July 10 (Tue)	17:20-18:50	202	5	EF05			Sergii		Khmelevskiy	Vienna University of Technology	Austria	One-dimensional magnetism in metallic MnB ₄ .
239	Metal spintronics I	July 10 (Tue)	17:20-18:50	203	1	EG01		Dr.	Konrad	Hsu	Aschenbach	Center for Nanoscale Science and Technology,	USA	Negative spin current polarization in amorphous CoFeB measured via the spin-wave Doppler effect
240	Metal spintronics I	July 10 (Tue)	17:20-18:50	203	2	EG02		Dr.	Christoph		Suergers	Karlsruhe Institute of Technology (KIT)	Germany	Switching the conductance of a magnetostrictive nanocontact by magnetic field
241	Metal spintronics I	July 10 (Tue)	17:20-18:50	203	3	EG03	IS	Prof.	Hyunsoo		Yang	National University of Singapore	Singapore	Spin wave and spin pumping in permalloy strips

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242	Metal spintronics I	July 10 (Tue)	17:20-18:50	203	4	EG04		Mr.	Yohei		Shiokawa	Tohoku university	Japan	Clarification of oxygen impurity effect on NCMR with the film resistivity and bulk scattering spin asymmetry
243	Metal spintronics I	July 10 (Tue)	17:20-18:50	203	5	EG05		Mr.	Jun		Kitagawa	Tokyo University of Agriculture and	Japan	Room-Temperature Magnetoresistance Properties of Planar-Type Ni Nanostructures Controlled from
244	Novel Materials & Devices I	July 10 (Tue)	17:20-18:50	204	1	EH01	IS	Prof.	Koichiro		Inomata	National Institute for Materials Science	Japan	New materials for enhancing device performance in spintronics
245	Novel Materials & Devices I	July 10 (Tue)	17:20-18:50	204	2	EH02		Dr., Prof.	Young-Wan		Kwon	Korea University	Korea	ORGANIC HIGH TEMPERATURE FERROMAGNETIC COMPOSITIONS
246	Novel Materials & Devices I	July 10 (Tue)	17:20-18:50	204	3	EH03		Mr.	Hassan		El Hafid	Institut de la Chimie de la Matiere Condensee de	France	Structure and magnetic properties of the new ferrimagnetic AFe3O(PO4)3 (A=Ca,Sr,Cd,Pb)
247	Novel Materials & Devices I	July 10 (Tue)	17:20-18:50	204	4	EH04		Dr.	Volodymyr		Kruglyak	University of Exeter	United Kingdom	Magnonic Metamaterials Formed by Arrays of Co Antidots on Continuous NiFe Films
248	Novel Materials & Devices I	July 10 (Tue)	17:20-18:50	204	5	EH05		Ms.	Yooleemi		Shin	University of Ulsan	Korea	Formation of FeSi thin films and magnetic properties
249	Perpendicular Magnetic Anisotropy Materials	July 10 (Tue)	17:20-18:30	205	1	EI01		Prof.	Marek		Przybylski	Max-Planck-Institut fur Mikrostrukturphysik	Germany	Perpendicular magnetic anisotropy in Fe/Fe _{1-x} Co _x multilayers
250	Perpendicular Magnetic Anisotropy Materials	July 10 (Tue)	17:20-18:30	205	2	EI02		Mr.	Mohammed	Nazrul Islam	Khan	Tohoku University	Japan	Effect of annealing temperature on L1o ordering and perpendicular magnetic anisotropy of FePd/CoFeB
251	Perpendicular Magnetic Anisotropy Materials	July 10 (Tue)	17:20-18:30	205	3	EI03		Dr.	Gabriella		Andersson	Uppsala University	Sweden	Magnetic Properties of Tetragonally Strained Fe/(W,Re) Multilayers
252	Perpendicular Magnetic Anisotropy Materials	July 10 (Tue)	17:20-18:30	205	4	EI04		Dr.	Matthieu		Jamet	Commissariat a l'Energie Atomique et aux Energies	France	Alloying as a possible mechanism in annealing induced perpendicular magnetic anisotropy in
253	Perpendicular Magnetic Anisotropy Materials	July 10 (Tue)	17:20-18:30	205	5	EI05		Dr.	Yu		Shiratsuchi	Osaka University	Japan	High perpendicular magnetic anisotropy at CoxNi1-x(x = 0.0?1.0)/α-Cr2O3 interface
254	Perpendicular Magnetic Anisotropy Materials	July 10 (Tue)	17:20-18:30	205	6	EI06		Mr.	Sjors		Schellekens	Eindhoven University of Technology	Netherlands	Controlling Domain Wall Motion by Electric Fields in Perpendicularly Magnetized Materials
255	Rare-earth hard magnetic materials	July 10 (Tue)	17:20-18:50	206	1	EJ01		Dr.	Daisuke		Ogawa	Yamagata University	Japan	Evaluation of interlayer exchange coupling in α-Fe(100)/Nd2Fe14B(001) Films
256	Rare-earth hard magnetic materials	July 10 (Tue)	17:20-18:50	206	2	EJ02		Dr.	Narayan		Poudyal	University of Texas at Arlington	USA	Morphology and magnetic properties of SmCo3/Fe and Sm2Co7/FeCo nanocomposite magnets prepared
257	Rare-earth hard magnetic materials	July 10 (Tue)	17:20-18:50	206	3	EJ03		Dr., Prof.	Jean-Marie		Le Breton	CNRS - Universite de Rouen	France	Atomic scale investigation of Sm-Co/Fe nanocomposites: influence of Fe/Co interdiffusion on
258	Rare-earth hard magnetic materials	July 10 (Tue)	17:20-18:50	206	4	EJ04		Ms.	Nilay		Gunduz Akdogan	University of Delaware	USA	Effect of Particle Size on the Coercivity of Nd-Fe-B and Sm-Co Nanoparticles Prepared by Surfactant-Assisted
259	Spin caloritronics II	July 11 (Wed)	11:00-12:30	101	1	FA01	IS	Prof.	Eiji		Saitoh	Institute for Materials Research, Tohoku	Japan	Dynamical generation of spin currents
260	Spin caloritronics II	July 11 (Wed)	11:00-12:30	101	2	FA02		Prof.	Ulrich		Nowak	University of Konstanz	Germany	Domain Wall Motion by the Magnonic Spin Seebeck Effect
261	Spin caloritronics II	July 11 (Wed)	11:00-12:30	101	3	FA03			Hiroto		ADACHI	Japan Atomic Energy Agency	Japan	Phonon-drag spin Seebeck effect
262	Spin caloritronics II	July 11 (Wed)	11:00-12:30	101	4	FA04	IS	Prof.	Chia-Ling		Chien	Johns Hopkins University	USA	Entanglement of Spin Seebeck Effect and Anomalous Nernst Effect
263	Heavy Fermions II	July 11 (Wed)	11:00-12:30	104	1	FB01	IS	Mr.	Xin		Lu	Los Alamos National Lab	USA	Textured Superconductivity in the Heavy Fermion CeRhIn5
264	Heavy Fermions II	July 11 (Wed)	11:00-12:30	104	2	FB02	IS	Prof.	Takasada		Shibauchi	Kyoto University	Japan	Exotic superconductivity of heavy electrons in artificial two-dimensional Kondo lattices
265	Heavy Fermions II	July 11 (Wed)	11:00-12:30	104	3	FB03			Yoshi		Tokiwa	I. Physikalisches Institut, Georg-August-Universitaet	Germany	Evolution of quasiparticle entropy in high-field superconducting phase in CeCoIn ₅

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266	Heavy Fermions II	July 11 (Wed)	11:00-12:30	104	4	FB04		Dr.	Sven		Friedemann	University of Cambridge	United Kingdom	Electronic structure of ferromagnetic heavy fermion YbNi4P2
267	Ultrafast Switching I	July 11 (Wed)	11:00-12:30	201	1	FC01	IS	Prof.	Roy	W	Chantrell	University of York	United Kingdom	Models of spin dynamics; ultrafast heat pulses as a sufficient stimulus for reversal in a ferrimagnet
268	Ultrafast Switching I	July 11 (Wed)	11:00-12:30	201	2	FC02	IS	Dr.	Jean-Yves		Bigot	CNRS, Universite de Strasbourg	France	Coherent spin-photon interaction and ultrafast magnetism: from principles to applications
269	Ultrafast Switching I	July 11 (Wed)	11:00-12:30	201	3	FC03	IS	Prof.	Ulrich		Nowak	University of Konstanz	Germany	Ultrafast switching of ferrimagnets
270	Vortex Dynamics I	July 11 (Wed)	11:00-12:30	202	1	FD01	IS	Dr.	Hermann		Stoll	MPI for Intelligent Systems (formerly MPI for	Germany	Spin Wave Mediated Magnetic Vortex Core Reversal. Towards a 100 ps V(ortex)MRAM.
271	Vortex Dynamics I	July 11 (Wed)	11:00-12:30	202	2	FD02	IS	Dr.	Guido		Meier	University of Hamburg	Germany	Magnetic vortices and antivortices - From time-resolved imaging to the influence of temperature
272	Vortex Dynamics I	July 11 (Wed)	11:00-12:30	202	3	FD03		Dr.	June-Seo		Kim	Institute for Physics, University of Mainz	Germany	Oersted Field Contribution on the Magnetic Vortex Core Dynamics Proved by Homodyne Detection
273	Vortex Dynamics I	July 11 (Wed)	11:00-12:30	202	4	FD04		Mr.	Katsuhisa		Taguchi	Tokyo Metropolitan University	Japan	Vortex core switching driven by the novel inverse Faraday effect
274	SCES Theory II	July 11 (Wed)	11:00-12:30	203	1	FE01	IS	Prof.	Masatoshi		Imada	University of Tokyo	Japan	Ab initio studies of strongly correlated electron systems
275	SCES Theory II	July 11 (Wed)	11:00-12:30	203	2	FE02	IS	Dr.	Tao		Xiang	Chinese Academy of Sciences	China	Coarse graining tensor renormalization by the higher-order singular value decomposition
276	SCES Theory II	July 11 (Wed)	11:00-12:30	203	3	FE03		Prof.	Thomas		Pruschke	University of Goettingen	Germany	Monte-Carlo Approach to Stationary Non-equilibrium of Mesoscopic Systems
277	SCES Theory II	July 11 (Wed)	11:00-12:30	203	4	FE04		Prof.	konstantin		kikoin	Tel-Aviv university	Israel	SU(4) Symmetry for Strongly Correlated Electrons: Kondo and Mixed-Valence Effects in Terms of Gell-
278	Superconductivity IV-Fe based superconductors	July 12 (Thu)	11:00-12:30	101	1	GA01	IS	Prof.	Laura	H.	Greene	University of Illinois at Urbana-Champaign	USA	Detection of Orbital Fluctuations Above the Structural Transition Temperature in Iron Pnictides and
279	Superconductivity IV-Fe based superconductors	July 12 (Thu)	11:00-12:30	101	2	GA02	IS	Prof.	Pengcheng		Dai	U. of Tennessee/Institute of Physics, CAS	USA	Nature of magnetic excitations in superconducting iron superconductors
280	Superconductivity IV-Fe based superconductors	July 12 (Thu)	11:00-12:30	101	3	GA03		Mr.	Aliaksei		Charnukha	Max Planck Institute for Solid-State Research	Germany	Universal microscopic description of the infrared conductivity of 122 iron arsenides
281	Superconductivity IV-Fe based superconductors	July 12 (Thu)	11:00-12:30	101	4	GA04		Mr.	Nam Hoon		Lee	SungKyunkwan Univ.	Korea	Various fabricating conditions of potassium doped BaFe2As2 films by pulsed laser deposition system
282	Multiferroics III-Nonreciprocal effect and elecgtronic ferroelectricity	July 12 (Thu)	11:00-12:30	106	1	GB01	IS	Prof.	Nobuo		Furukawa	Aoyamagakuin University	Japan	Nonreciprocal Directional Dichroism and Toroidal magnons in Multiferroic Materials
283	Multiferroics III-Nonreciprocal effect and elecgtronic ferroelectricity	July 12 (Thu)	11:00-12:30	106	2	GB02		Prof.	sumio		ishihara	Tohoku University	Japan	Electronic ferroelectricity in correlated electron systems
284	Multiferroics III-Nonreciprocal effect and elecgtronic ferroelectricity	July 12 (Thu)	11:00-12:30	106	3	GB03		Dr.	Hitoshi		Seo	RIKEN	Japan	Interplay between electronic ferroelectricity and magnetism in molecular TMTTF salts
285	Multiferroics III-Nonreciprocal effect and elecgtronic ferroelectricity	July 12 (Thu)	11:00-12:30	106	4	GB04		Prof.	Satoshi		Iguchi	IMR, Tohoku Univ.	Japan	Dielectric anomaly in dimer-Mott insulator β' -(BEDT-TTF)2Cl2 with square lattice
286	Multiferroics III-Nonreciprocal effect and elecgtronic ferroelectricity	July 12 (Thu)	11:00-12:30	106	5	GB05		Prof.	Chan-Ho		Yang	KAIST	Korea	Multiferroic transition in a quasi-layered bismuth ferrite
287	Heavy Fermions III	July 12 (Thu)	11:00-12:30	104	1	GC01	IS	Prof.	Ed		Yelland	University of St Andrews	UK	Field-dependent Fermi surface and high-field superconductivity in URhGe
288	Heavy Fermions III	July 12 (Thu)	11:00-12:30	104	2	GC02	IS	Prof.	Oliver		Stockert	Max-Planck-Institute for Chemical Physics of Solids	Germany	Conventional quantum criticality in CeCu2Si2
289	Heavy Fermions III	July 12 (Thu)	11:00-12:30	104	3	GC03		Dr.	Yoshinori		Haga	Japan Atomic Energy Agency	Japan	Shubnikov-de Haas oscillation in PuIn3

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290	Heavy Fermions III	July 12 (Thu)	11:00-12:30	104	4	GC04			Dmitry		Sokolov	The University of Edinburgh	United Kingdom	Spin fluctuations and Lifshitz transition in UGe2 probed by Larmor neutron diffraction under pressure.
291	Ultrafast Switching II	July 12 (Thu)	11:00-12:30	109	1	GD01	IS	Prof.	Theo		Rasing	Radboud University Nijmegen	Netherlands	Ultrafast manipulation of magnetic order
292	Ultrafast Switching II	July 12 (Thu)	11:00-12:30	109	2	GD02	IS	Dr.	Hermann	A.	Dürr	SLAC National Accelerator Laboratory	USA	Ultrafast emergence of nanoscale ferromagnetism far from equilibrium
293	Ultrafast Switching II	July 12 (Thu)	11:00-12:30	109	3	GD03		Prof.	Oksana		Chubykalo-Fesenko	Instituto de Ciencia de Materiales de Madrid,	Spain	Modeling of ultra-fast magnetisation dynamics using the Landau-Lifshitz-Bloch equation.
294	Ultrafast Switching II	July 12 (Thu)	11:00-12:30	109	4	GD04		Mr.	Rostislav		Mikhailovskiy	University of Exeter	United Kingdom	Ultrafast Inverse Faraday effect in paramagnetic dielectrics
295	Domain wall motion I	July 12 (Thu)	11:00-12:30	201	1	GE01		Dr.	Jean-Philippe		ATTANE	Universite Joseph Fourier, BP 53, 38041, Grenoble	France	Detection of domain wall position and magnetization reversal in nanostructures using the magnon
296	Domain wall motion I	July 12 (Thu)	11:00-12:30	201	2	GE02		Mr.	Jeroen		Franken	Eindhoven University of Technology	Netherlands	Tunable resistivity of individual magnetic DWs
297	Domain wall motion I	July 12 (Thu)	11:00-12:30	201	3	GE03			Kulothunga sagan		Narayanapillai	National University of Singapore	Singapore	OBSERVATION OF DOMAIN-WALL CAPACITANCE IN PERMALLOY NANOWIRES
298	Domain wall motion I	July 12 (Thu)	11:00-12:30	201	4	GE04			Toma		Kanehira	Toyota Technological Institute Information	Japan	Proposal new type of Low Current Driven Spin Logic in PMA TbFeCo Wire
299	Domain wall motion I	July 12 (Thu)	11:00-12:30	201	5	GE05	IS	Prof.	Teruo		Ono	Kyoto University	Japan	Current-induced domain wall motion in perpendicularly magnetized nanowire
300	Spin glasses and diluted magnets	July 12 (Thu)	11:00-12:30	202	1	GF01	IS	Dr.	Sarah		Dunsiger	Technical University of Munich	Germany	Melting Spin Ice
301	Spin glasses and diluted magnets	July 12 (Thu)	11:00-12:30	202	2	GF02		Dr.	Remo	Viktor	Hugli	University College Dublin	Ireland	Artificial spin ice: dimensional reduction, avalanches and disorder
302	Spin glasses and diluted magnets	July 12 (Thu)	11:00-12:30	202	3	GF03		Ms.	Olga		Young	University of Warwick	United Kingdom	Low Temperature Magnetic Studies of Geometrically Frustrated SrHo2O4
303	Spin glasses and diluted magnets	July 12 (Thu)	11:00-12:30	202	4	GF04		Dr.	Javier		Campo	CSIC	Spain	Spin densities in manganese molecular cluster : [Mn3L4](ClO4)2(H2O)2
304	Spin glasses and diluted magnets	July 12 (Thu)	11:00-12:30	202	5	GF05		Mr.	Rokyeon		Kim	Seoul National University	Korea	Electronic Structure and Magnetic Properties of Cr-doped Rutile TiO ₂ : Charge and Magnetic State of
305	Arrays of Magnetic Nanostructures II	July 12 (Thu)	11:00-12:30	203	1	GG01	IS	Prof.	Sara		Majetich	Carnegie Mellon University	USA	Magnetic Nanoparticle Arrays by Nanomasking Pattern Transfer
306	Arrays of Magnetic Nanostructures II	July 12 (Thu)	11:00-12:30	203	2	GG02		Dr.	Roberto		Zivieri	University of Ferrara	Italy	Spin wave bands and bandgaps in a two-dimensional ferromagnetic antidot array
307	Arrays of Magnetic Nanostructures II	July 12 (Thu)	11:00-12:30	203	3	GG03		Ms.	Celia		Castan-Guerrero	ICMA (Universidad de Zaragoza - CSIC)	Spain	Ratchet effect in magnetic domain wall motion induced by 2D arrays of triangular submicrometric
308	Arrays of Magnetic Nanostructures II	July 12 (Thu)	11:00-12:30	203	4	GG04		Ms.	Karla	J.	Merazzo	Instituto de Ciencia de Materiales de Madrid,	Spain	Tailored Magnetic Anisotropy of Py /Co Bilayer Ordered Nanohole Arrays
309	Arrays of Magnetic Nanostructures II	July 12 (Thu)	11:00-12:30	203	5	GG05		Ms.	Celia		Castan-Guerrero	ICMA (Universidad de Zaragoza - CSIC)	Spain	Tailoring magnetic properties of Co thin films through antidot arrays: crossover from antidot to dot regime
310	Novel Materials & Devices II	July 12 (Thu)	11:00-12:30	204	1	GH01	IS	Prof.	Hornng	Er.	Herng	National Taiwan Normal University	Taiwan	Bio-functional Magnetic Nanoparticles in Biomedical Applications
311	Novel Materials & Devices II	July 12 (Thu)	11:00-12:30	204	2	GH02		Dr.	Jens		Brede	University of Hamburg	Germany	Spin resolved measurements of single molecular magnets on surfaces
312	Novel Materials & Devices II	July 12 (Thu)	11:00-12:30	204	3	GH03		Mr.	Mustafa		Arikan	University of Iceland	Iceland	MgO Tunnel Junction Magnetic Field Sensors at High Frequencies
313	Novel Materials & Devices II	July 12 (Thu)	11:00-12:30	204	4	GH04			Zhijian		Wu	Changchun Institute of Applied Chemistry,	China	LaSrVMoO6 : a compensated half metal or not?

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314	Novel Materials & Devices II	July 12 (Thu)	11:00-12:30	204	5	GH05		Prof.	Jesus		Rodriguez Fernandez	Universidad de Cantabria	Spain	Pressure effects on the magnetic properties of Emim[FeCl4], a magnetic ionic liquid with
315	Organic spintronics Carbon-based spintronics	July 12 (Thu)	11:00-12:30	205	1	GI01	IS	Dr.	Jagadeesh	S.	Moodera	Massachusetts Institute of Technology	USA	Magnetic proximity and spin behavior at organic semiconductor/ferromagnet interfaces ? towards
316	Organic spintronics Carbon-based spintronics	July 12 (Thu)	11:00-12:30	205	2	GI02		Prof.	Ron		Naaman	Weizmann Institute	Israel	Spin specific transport properties of chiral molecules
317	Organic spintronics Carbon-based spintronics	July 12 (Thu)	11:00-12:30	205	3	GI03		Dr.	Toshio		Miyamachi	Karlsruhe Institute of Technology	Germany	Reversible and deterministic spin state switching of individual spin crossover molecules on a surface
318	Organic spintronics Carbon-based spintronics	July 12 (Thu)	11:00-12:30	205	4	GI04		Dr.	LEI		SHEN	National University of Singapore	Singapore	Graphene-Based Spintronic Components
319	Organic spintronics Carbon-based spintronics	July 12 (Thu)	11:00-12:30	205	5	GI05		Dr.	Ivan	J.	Vera-Marun	Zernike Institute for Advanced Materials,	Netherlands	Detection and manipulation of spin currents in graphene with non-magnetic electrodes
320	Intermetallic & other hard magnets	July 12 (Thu)	11:00-12:30	206	1	GJ01	IS	Dr.	George	C.	Hadjipanayis	University of Delaware	USA	Science and Technology of Modern Permanent Magnet Materials
321	Intermetallic & other hard magnets	July 12 (Thu)	11:00-12:30	206	2	GJ02		Prof.	Keiichi		Koyama	Kagoshima University	Japan	Differential thermal analysis on MnBi in high magnetic fields up to 45 T
322	Intermetallic & other hard magnets	July 12 (Thu)	11:00-12:30	206	3	GJ03		Dr.	Yurii		Skourski	Dresden High Magnetic Field Laboratory	Germany	Magnetization of Dy2Fe17 in fields up to 85 Tesla
323	Intermetallic & other hard magnets	July 12 (Thu)	11:00-12:30	206	4	GJ04		Dr.	Sirikanjana		Thongmee	Kasetsart University	Thailand	Electrodeposited FePt films on Ag underlayer with high coercivity
324	Intermetallic & other hard magnets	July 12 (Thu)	11:00-12:30	206	5	GJ05		Dr.	Sadhana		Katlakunta	Indian Institute of Science, Banglore-560012, India	India	Magnetic properties of BaMg0.4Al0.4Fe11.2O19+SiO2 nanocomposites for high frequency applications
325	Superconductivity V-Fe-based superconductors	July 12 (Thu)	15:30-17:00	101	1	HA01	IS	Prof.	S.		Tajima	Osaka University	Japan	Coexistence of Competing Orders in Unconventional Superconductors
326	Superconductivity V-Fe-based superconductors	July 12 (Thu)	15:30-17:00	101	2	HA02		Prof.	Kyungwan		Kim	Chungbuk national university	Korea	Ultrafast transient generation of spin density wave order in the normal state of BaFe2As2 driven by
327	Superconductivity V-Fe-based superconductors	July 12 (Thu)	15:30-17:00	101	3	HA03		Dr.	Martin		Mansson	ETH Zurich	Switzerland	(Withdrawn) High- and low-energy ARPES study of spin-density wave order in FeTe single crystals
328	Superconductivity V-Fe-based superconductors	July 12 (Thu)	15:30-17:00	101	4	HA04		Ms.	Alice	Elizabeth	Taylor	University of Oxford	United Kingdom	Magnetic fluctuations - a driving force for superconductivity? Neutron scattering investigations in
329	Superconductivity V-Fe-based superconductors	July 12 (Thu)	15:30-17:00	101	5	HA05		Dr.	Michael		Sutherland	Univeristy of Cambridge	ted Kingd	Low-Energy Quasiparticles Probed by Heat Transport in the Iron Based Superconductor LaFePO
330	[Symposia] High Performance Soft Magnetic Materials and their	July 12 (Thu)	15:30-17:00	106	1	HB01	IS	Prof.	Rudolf		Schaefer	Leibniz Institute for Solid State and Materials	Germany	Domains and Magnetization Processes in Electrical Steel
331	[Symposia] High Performance Soft Magnetic Materials and their	July 12 (Thu)	15:30-17:00	106	2	HB02	IS	Prof.	Jongryoul		Kim	Hanyang University	Korea	Iron loss behaviors in 6.5 wt% grain-oriented silicon steel
332	[Symposia] High Performance Soft Magnetic Materials and their	July 12 (Thu)	15:30-17:00	106	3	HB03	IS	Prof.	Shigeki		Nakagawa	Tokyo Institute of Technology	Japan	FeCoB films with large saturation magnetization and high magnetic anisotropy field to attain high
333	Magnetism in s,p electron Systems	July 12 (Thu)	15:30-17:00	104	1	HC01	IS	Prof.	Priya		Mahadevan	S.N.Bose National Centre for Basic Sciences	India	Magnetism where you least expect it
334	Magnetism in s,p electron Systems	July 12 (Thu)	15:30-17:00	104	2	HC02	IS	Prof.	Nozue		Yasuo	Graduate School of Science, Osaka University	Japan	Exotic magnetism of s-electron cluster array: ferromagnetism, ferrimagnetism and
335	Magnetism in s,p electron Systems	July 12 (Thu)	15:30-17:00	104	3	HC03		Prof.	Tatsuo	C.	Kobayashi	Okayama University	Japan	Spin-dependent molecular arrangement of O2-O2 dimer in nanoporous metal-organic solids
336	Magnetism in s,p electron Systems	July 12 (Thu)	15:30-17:00	104	4	HC04		Dr.	Bernd		Wolf	Physikalisches Institut, Goethe University	Germany	Indications for a field-induced 2d collectively-coupled dimer state in nitronyl-nitroxid biradicals
337	Spin Waves I	July 12 (Thu)	15:30-17:00	109	1	HD01	IS	Prof.	Burkard		Hillebrands	TU Kaiserslautern	Germany	Magnon caloritronics

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338	Spin Waves I	July 12 (Thu)	15:30-17:00	109	2	HD02			Jae Hyun		Kwon	National University of Singapore	Singapore	Temperature dependence of spin wave resonance frequency in a magnetostatic surface wave mode
339	Spin Waves I	July 12 (Thu)	15:30-17:00	109	3	HD03		Dr.	Volodymyr		Kruglyak	University of Exeter	United Kingdom	Nanoscale spin wave switches and phase shifters
340	Spin Waves I	July 12 (Thu)	15:30-17:00	109	4	HD04		Dr.	Anjan		Barman	S. N. Bose National Centre For Basic Sciences	India	Optically Induced Tunable Magnetization Dynamics in Nanoscale Co Antidot Lattices
341	Spin Waves I	July 12 (Thu)	15:30-17:00	109	5	HD05		Prof.	Alexey	P.	Vinogradov	ITAE RAS	Russia	Plasmonic and quantum plasmonic enhancement of magneto-optics
342	Metal spintronics II	July 12 (Thu)	15:30-17:00	201	1	HE01		Prof.	Takashi		Kimura	Kyushu University	Japan	Pure spin current generation using highly spin polarized Co2FeSi electrodes
343	Metal spintronics II	July 12 (Thu)	15:30-17:00	201	2	HE02			Felix		Casanova	CIC nanoGUNE	Spain	Highly reproducible lateral spin valves for the study of spin injection in metals
344	Metal spintronics II	July 12 (Thu)	15:30-17:00	201	3	HE03	IS	Prof.	YoshiChika		OTANI	University of Tokyo	Japan	Extrinsic SHE induced by small impurities in copper
345	Metal spintronics II	July 12 (Thu)	15:30-17:00	201	4	HE04		Mr.	Edouard		Lesne	Unite Mixte de Physique CNRS/Thales	France	Spin Injection at the LaAlO3/SrTiO3 Interface
346	Metal spintronics II	July 12 (Thu)	15:30-17:00	201	5	HE05		Mr.	Hiroshi		IDZUCHI	U Tokyo	Japan	Coherence in collective spin precession in lateral spin valves
347	Spin transfer torque switching	July 12 (Thu)	15:30-17:00	202	1	HF01		Dr.	Julie		Grollier	CNRS	France	Bias-dependence of the Spin-Transfer Torques in MgO-based Magnetic Tunnel Junctions
348	Spin transfer torque switching	July 12 (Thu)	15:30-17:00	202	2	HF02		Dr.	Tomohiro		Taniguchi	National Institute of Advanced Industrial	Japan	Spin torque assisted magnetization switching in thermally activated region
349	Spin transfer torque switching	July 12 (Thu)	15:30-17:00	202	3	HF03		Mr.	Stefan		Krause	University of Hamburg	Germany	Joule Heating and Spin-Transfer Torque Investigated on the Atomic Scale
350	Spin transfer torque switching	July 12 (Thu)	15:30-17:00	202	4	HF04		Ms.	Anika		Schlenhoff	University of Hamburg	Germany	Spin-transfer torque and Joule heating of field-emitted electrons
351	Spin transfer torque switching	July 12 (Thu)	15:30-17:00	202	5	HF05	IS	Prof.	Kyung-Jin		Lee	Korea University	Korea	Perpendicular spin torque at high bias in MgO-based magnetic tunnel junctions
352	Magnetometry in nano-scale	July 12 (Thu)	15:30-17:00	203	1	HG01	IS	Prof.	Kazuyuki		Koike	Division of Physics, Graduate School of	Japan	Recent Progress in Spin SEM
353	Magnetometry in nano-scale	July 12 (Thu)	15:30-17:00	203	2	HG02	IS	Dr.	Mi-Young		Im	LBNL/CXRO	Korea	Asymmetries in the Formation Process of Magnetic Vortex States in a Permalloy Nanodisk
354	Magnetometry in nano-scale	July 12 (Thu)	15:30-17:00	203	3	HG03		Dr.	Rene		Schmidt	University of Hamburg	Germany	Magnetization switching utilizing the magnetic exchange interaction
355	Magnetometry in nano-scale	July 12 (Thu)	15:30-17:00	203	4	HG04		Dr.	Cornelius		Strohm	European Synchrotron Radiation Facility	France	X-ray spectroscopy in pulsed high magnetic fields
356	Magnetometry in nano-scale	July 12 (Thu)	15:30-17:00	204	1	HH01	IS	Dr.	Fausto		Fiorillo	Istituto Nazionale di Ricerca Metrologica	Italy	Recent developments in magnetic measurements: from technical method to physical knowledge.
357	Magnetometry in nano-scale	July 12 (Thu)	15:30-17:00	204	2	HH02	IS	Dr.	Michael		Hall	National Physical Laboratory	United Kingdom	So, You Need Reliable Magnetic Measurements You Can Use With Confidence? How the Magnetic
358	Magnetometry in nano-scale	July 12 (Thu)	15:30-17:00	204	3	HH03	IS	Dr.	Duck-Gun		Park	Korea Atomic Energy Research Institute	Korea	Application of Pulsed Eddy Current technique to inspect the pipeline of nuclear plants
359	Topological Insulators I	July 12 (Thu)	15:30-17:00	205	1	HI01	IS	Prof.	Yoichi		Ando	Osaka University	Japan	Probing the Exotic Surface States in Topological Insulators and Superconductors
360	Topological Insulators I	July 12 (Thu)	15:30-17:00	205	2	HI02		Dr.	Chang		Liu	Princeton University	USA	(Withdrawn) Electronic structure study of bulk HgTe via angle resolved photoemission
361	Topological Insulators I	July 12 (Thu)	15:30-17:00	205	3	HI03			Tanmoy		Das	Los Alamos National Laboratory	USA	Hidden topological order in URu2Si2

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362	Topological Insulators I	July 12 (Thu)	15:30-17:00	205	4	HI04		Dr.	Masaki		Tezuka	Kyoto University	Japan	Robustness of 1D topological superconductors with Majorana edge states against lattice modulation
363	Topological Insulators I	July 12 (Thu)	15:30-17:00	205	5	HI05		Prof.	Takashi		Oka	The University of Tokyo	Japan	Floquet theory of photo-induced topological phase transitions: Application to graphene
364	4d & 5d compounds	July 12 (Thu)	15:30-17:00	206	1	HJ01	IS	Prof.	Je-Geun		Park	Seoul National University	Korea	Strong coupling of spin, orbital and lattice degrees of freedom in Ru oxides
365	4d & 5d compounds	July 12 (Thu)	15:30-17:00	206	2	HJ02		Prof.	Hiroyuki		Nakamura	Kyoto University	Japan	Competing magnetic interactions in eta-carbide-type transition-metal compounds: New class of itinerant-
366	4d & 5d compounds	July 12 (Thu)	15:30-17:00	206	3	HJ03		Prof.	Kiyochiro		Motoya	Tokyo University of Science	Japan	Long-time variation of magnetic structure in (Ce-La)Ir3Si2 : Effect of randomness
367	4d & 5d compounds	July 12 (Thu)	15:30-17:00	206	4	HJ04		Mr.	Michal		Valiska	Charles University Prague, Faculty of Mathematics	Czech Republic	Influence of symmetry on Sm magnetism studied in SmIr2Si2 polymorphs
368	4d & 5d compounds	July 12 (Thu)	15:30-17:00	206	5	HJ05		Prof.	Han-Jin		Noh	Dep. Of Physics, Chonnam National University	Korea	Unconventional thermal expansion of BaIrO3 investigated by temperature dependent x-ray and
369	Non-Fermi Liquids and Quantum Phase Transitions III	July 12 (Thu)	17:20-18:50	101	1	IA01	IS	Prof.	Yuji		Matsuda	Kyoto University	Japan	A quantum phase transition hidden beneath the superconducting dome of iron-pnictides
370	Non-Fermi Liquids and Quantum Phase Transitions III	July 12 (Thu)	17:20-18:50	101	2	IA02		Prof.	Ernst		Bauer	Vienna University of Technology	Austria	Re-entrant quantum criticality in pressurized Yb2Pd2Sn and Yb2Pd2In1-xSnx
371	Non-Fermi Liquids and Quantum Phase Transitions III	July 12 (Thu)	17:20-18:50	101	3	IA03		Mr.	Junhyun		Lee	Harvard University	USA	Coupled Fermi-Bose renormalization group flow for a two-flavor spin-fermion model close to its
372	Non-Fermi Liquids and Quantum Phase Transitions III	July 12 (Thu)	17:20-18:50	101	4	IA04		Prof.	Kenya		Ohgushi	University of Tokyo	Japan	Magnetism and Filling-Controlled Mott transition in Strongly Spin-Orbit-Coupled Iridium Oxide
373	Non-Fermi Liquids and Quantum Phase Transitions III	July 12 (Thu)	17:20-18:50	101	5	IA05		Dr.	Sergey	L.	Bud'ko	Ames Laboratory	USA	Magnetic field tuned QCP in YbPtBi
374	[Symposia] High Performance Soft Magnetic Materials and their	July 12 (Thu)	17:20-18:50	106	1	IB01	IS	Dr.	Ivan		Skorvanek	Institute of Experimental Physics SAS, Kosice	Slovak	Field-Annealed Fe-Ni-Nb-B Amorphous and Nanocrystalline Alloys for Magnetic Sensor
375	[Symposia] High Performance Soft Magnetic Materials and their	July 12 (Thu)	17:20-18:50	106	2	IB02	IS	Prof.	Shao Xiong		Zhou	Advanced Technology & Materials.Co.	China	Amorphous and Nanocrystalline Magnetic Materials?Research and Production in China
376	[Symposia] High Performance Soft Magnetic Materials and their	July 12 (Thu)	17:20-18:50	106	3	IB03	IS	Dr.	In-Bum		Jeong	Changsung Corporation	Korea	Recent Status of Soft Magnetic Material Applications for Renewable Energy and Eco-friendly Vehicle
377	Magnetic phase transition	July 12 (Thu)	17:20-18:50	104	1	IC01	IS	Prof.	Myriam		Sarachik	City College of New York-CUNY, New York, NY	USA	Random Fields in Molecular Magnets
378	Magnetic phase transition	July 12 (Thu)	17:20-18:50	104	2	IC02		Mr.	Francesco		Casola	ETH Zurich Honggerberg	Switzerland	Stability of Incommensurate Field-Induced Magnetic Order via Site-Disorder
379	Magnetic phase transition	July 12 (Thu)	17:20-18:50	104	3	IC03		Prof.	Xuefeng		Sun	University of Science and Technology of China	China	Low-Temperature Heat Transport and Field-induced Quantum Phase Transitions of Spin Gapped Quantum
380	Magnetic phase transition	July 12 (Thu)	17:20-18:50	104	4	IC04			Yury		Bunkov	Institut NEEL	France	Review talk about Spin Superfluidity
381	Magnetic phase transition	July 12 (Thu)	17:20-18:50	104	5	IC05		Dr.	Bella		Lake	Helmholtz Zentrum Berlin fur Materialien und	Germany	The Spin-1/2 Heisenberg antiferromagnetic chain ? experimental confirmation of 2 and 4 spinon terms
382	Vortex Dynamics II	July 12 (Thu)	17:20-18:50	109	1	ID01	IS	Dr.	Peter		Fischer	LBLNL	USA	X-ray microscopy of nanoscale spin dynamics
383	Vortex Dynamics II	July 12 (Thu)	17:20-18:50	109	2	ID02	IS	Dr.	Vincent		Cros	Unite Mixte de Physique CNRS/Thales	France	(Withdraw) Non linear spin transfer induced vortex dynamics
384	Vortex Dynamics II	July 12 (Thu)	17:20-18:50	109	3	ID03			Nicolas		Locatelli	Unite Mixte de Physique CNRS-Thales et Univ	France	Study of spin transfer induced coupled vortices dynamics in a single spin-valve
385	Vortex Dynamics II	July 12 (Thu)	17:20-18:50	109	4	ID04		Mr.	Hiroaki		Fujimori	University of Tokyo	Japan	Collective excitation of magnetostatically coupled two-adjacent magnetic vortices and their relative phase

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386	Domain wall motion II	July 12 (Thu)	17:20-18:50	201	1	IE01		Dr.	Aurelien		Manchon	King Abdullah University of Science and	Saudi Arabia	Spin-orbit coupling induced Spin torques in diluted magnetic semiconductors
387	Domain wall motion II	July 12 (Thu)	17:20-18:50	201	2	IE02		Dr.	Henk		Swagten	Eindhoven University of Technology	Netherlands	Spin orbit torque assisted domain wall depinning in Pt/Co/Pt
388	Domain wall motion II	July 12 (Thu)	17:20-18:50	201	3	IE03	IS	Prof.	Joerg		Wunderlich	Hitachi Cambridge Lab	United Kingdom	Piezo-electric control of the motion of a single domain wall
389	Domain wall motion II	July 12 (Thu)	17:20-18:50	201	4	IE04	IS	Dr.	Julie		Grollier	CNRS	France	Domain Wall manipulation by spin currents in Magnetic Tunnel Junctions
390	Magnetic tunnel junctions	July 12 (Thu)	17:20-18:50	202	1	IF01	IS	Prof.	Byong-Guk		Park	KAIST	Korea	Large Magnetoresistance in antiferromagnet tunnel junctions
391	Magnetic tunnel junctions	July 12 (Thu)	17:20-18:50	202	2	IF02		Dr.	Yoshio		Miura	Tohoku University	Japan	A first-principles study on spin-dependent tunneling conductance in magnetic tunnel junctions with spinel-
392	Magnetic tunnel junctions	July 12 (Thu)	17:20-18:50	202	3	IF03		Dr.	Hiroaki		Sukegawa	National Institute for Materials Science (NIMS)	Japan	Enhanced tunnel magnetoresistance in magnetic tunnel junctions with an epitaxial Mg-Al-O barrier
393	Magnetic tunnel junctions	July 12 (Thu)	17:20-18:50	202	4	IF04		Dr.	Andy		Thomas	Bielefeld University	Germany	The memristive magnetic tunnel junction as a nanoscopic synapse-neuron system
394	Magnetic tunnel junctions	July 12 (Thu)	17:20-18:50	202	5	IF05		Dr.	Zhenchao		Wen	National Institute for Materials Science (NIMS)	Japan	Tunnel magnetoresistance in perpendicularly magnetized Co ₂ FeAl/MgO/CoFeB magnetic tunnel
395	Valence Fluctuations II	July 12 (Thu)	17:20-18:50	203	f	IG01	IS	Prof.	Kazumasa		Miyake	Osaka University	Japan	Transport anomalies due to critical valence fluctuations
396	Valence Fluctuations II	July 12 (Thu)	17:20-18:50	203	2	IG02		Dr.	Yuriy	Vladimirovich	Goryunov	Kazan Physical-Technical Institute of the Russian	Russia	Fluctuations and Quantum Criticality in Eu Ternary Pnictides
397	Valence Fluctuations II	July 12 (Thu)	17:20-18:50	203	3	IG03		Prof.	Yasuhiro	H.	Matsuda	University of Tokyo	Japan	Synchrotron x-ray spectroscopy study on the valence state in α - and β -YbAlB ₄ at low temperatures and
398	Valence Fluctuations II	July 12 (Thu)	17:20-18:50	203	4	IG04		Dr.	Naoto		Metoki	JAEA	Japan	Metal-Insulator crossover accompanied by the dual nature of 5f electrons with localized and itinerant
399	Valence Fluctuations II	July 12 (Thu)	17:20-18:50	203	5	IG05		Prof.	Akihiro		Mitsuda	Kyushu University	Japan	Valence transition induced by pressure and magnetic field in antiferromagnet EuRh ₂ Si ₂
400	Surface and Interface Effects II	July 12 (Thu)	17:20-18:50	204	1	IH01		Prof.	Benjamin		Martinez	ICMAB - CSIC	Spain	Orbital ordering and multiphase separation at manganite interfaces
401	Surface and Interface Effects II	July 12 (Thu)	17:20-18:50	204	2	IH02		Dr.	Yasuo		Yoshida	The University of Tokyo	Japan	Conical spin-spiral state in an ultra-thin film driven by higher-order spin interactions
402	Surface and Interface Effects II	July 12 (Thu)	17:20-18:50	204	3	IH03		Dr.	Matthias		Menzel	University of Hamburg	Germany	Non-collinear magnetic ground state in finite metallic chains
403	Surface and Interface Effects II	July 12 (Thu)	17:20-18:50	204	4	IH04			Chanyong		Hwang	Korea Research Institute of Standards and Science	Korea	Magnetism and the thermodynamics of Fe-Pt Surface Alloy formed at Pt(110) surface
404	Surface and Interface Effects II	July 12 (Thu)	17:20-18:50	204	5	IH05			Zi Q.		Qiu	Dept. of Physics	USA	A study of Antiferromagnetic/Ferromagnetic systems using X-ray Magnetic Dichroism
405	Surface and Interface Effects II	July 12 (Thu)	17:20-18:50	204	6	IH06		Prof.	Tsu-Yi		Fu	National Taiwan Normal University	Taiwan	Magnetic properties and microscopic structures of ultrathin Co/ $\sqrt{3}\times\sqrt{3}$ -R30°-Ag/Si(111) films
406	Topological Insulators II	July 12 (Thu)	17:20-18:50	205	1	II01	IS	Prof.	Qi-Kun		Xue	Tsinghua University	China	Giant anomalous Hall effect in magnetic topological insulator
407	Topological Insulators II	July 12 (Thu)	17:20-18:50	205	2	II02	IS	Dr.	Philip		King	University of St Andrews	United Kingdom	A rich Rashba system created on the surface of a topological insulator
408	Topological Insulators II	July 12 (Thu)	17:20-18:50	205	3	II03		Dr.	Stanislav		Chadov	Max-Planck-Institute for Chemical Physics of Solids,	Germany	From topological semimetals towards insulators. First-principles study.
409	Topological Insulators II	July 12 (Thu)	17:20-18:50	205	4	II04		Dr.	Panagiotis		Kotetes	Karlsruhe Institute of Technology	Germany	Engineering and manipulating topological qubits in 1D quantum wires

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410	Ferrites and Other Materials	July 12 (Thu)	17:20-18:50	206	1	IJ01		Dr.	Clemens		Ritter	Institut Laue Langevin	France	Magnetic structure of iron borate SmFe ₃ (BO ₃) ₄ : A neutron diffraction study
411	Ferrites and Other Materials	July 12 (Thu)	17:20-18:50	206	2	IJ02		Dr.	Darren		Peets	Max-Planck-Institut fur Festkorperforschung	Germany	Preparation and Characterization of Sr ₃ Fe ₂ O(7-x) for Different Oxygen Contents
412	Ferrites and Other Materials	July 12 (Thu)	17:20-18:50	206	3	IJ03		Dr.	Andrew		Wildes	Institut Laue-Langevin	France	The magnetic structures of CoPS ₃ and NiPS ₃
413	Ferrites and Other Materials	July 12 (Thu)	17:20-18:50	206	4	IJ04		Dr.	Yuke		Li	Hangzhou Normal University	China	Magnetic properties in Fe-doped LnCo _{1-x} Fe _x AsO (Ln=La, Sm) systems
414	Ferrites and Other Materials	July 12 (Thu)	17:20-18:50	206	5	IJ05		Dr.	Jun		Ohara	Hokkaido University	Japan	Symmetry argument of cyano-bridged copper-molybdenum complexes
415	Ferrites and Other Materials	July 12 (Thu)	17:20-18:50	206	6	IJ06		Mr., Dr.	Sebastian	Clemens	Muehlbauer	Laboratory for Solid State Physics, ETH Zurich	Switzerland	Phase Diagram of the Dzyaloshinskii-Moriya Helimagnet Ba ₂ CuGe ₂ O ₇ in Canted Magnetic Fields
416	Superconductivity VI-Fe based and other superconductors	July 13 (Fri)	09:00-10:30	101	1	JA01	IS	Prof.	Hai-Hu		Wen	Nanjing University	China	Close relationship between superconductivity and the bosonic mode in Ba _{0.6} K _{0.4} Fe ₂ As ₂ : A pairing glue for
417	Superconductivity VI-Fe based and other superconductors	July 13 (Fri)	09:00-10:30	101	2	JA02		Dr.	Luis		Balicas	NHMFL	USA	Broken time-reversal symmetry superconducting state in LiFeAs
418	Superconductivity VI-Fe based and other superconductors	July 13 (Fri)	09:00-10:30	101	3	JA03			Seunghyun		Khim	Seoul National University	Korea	Observation of anomalous magneto-resistance behavior near the in-plane upper critical field in
419	Superconductivity VI-Fe based and other superconductors	July 13 (Fri)	09:00-10:30	101	4	JA04		Prof.	Zenji		Hiroi	ISSP, University of Tokyo	Japan	Superconductivity in an Einstein solid: AxV ₂ Al ₂ O (A = Ga, Al)
420	Superconductivity VI-Fe based and other superconductors	July 13 (Fri)	09:00-10:30	101	5	JA05		Dr.	Adrian		Hillier	ISIS facility, STFC	United Kingdom	Non-unitary triplet pairing in the centrosymmetric superconductor LaNiGa ₂ .
421	Multiferroics IV-Noncollinear magnets	July 13 (Fri)	09:00-10:30	106	1	JB01	IS	Prof.	Tsuyoshi		Kimura	Osaka University	Japan	Magnetoelectric effects and related phenomena in non-collinear spiral-spin systems
422	Multiferroics IV-Noncollinear magnets	July 13 (Fri)	09:00-10:30	106	2	JB02		Dr.	Yisheng		Chai	Seoul National University	Korea	Electric field control of nonvolatile four-state magnetization at room temperature
423	Multiferroics IV-Noncollinear magnets	July 13 (Fri)	09:00-10:30	106	3	JB03		Prof.	Young		Sun	Institute of Physics, Chinese Academy of	China	Low magnetic field reversal of electric polarization in Y-type hexaferrites
424	Multiferroics IV-Noncollinear magnets	July 13 (Fri)	09:00-10:30	106	4	JB04		Mr., Prof.	Reinhard	K.	Kremer	MPI for Solid State Research, Stuttgart	Germany	Nearest - Next-Nearest Neighbor Exchange Frustrated Quantum Chain Antiferromagnets: Recent Results
425	Multiferroics IV-Noncollinear magnets	July 13 (Fri)	09:00-10:30	106	5	JB05		Dr.	Francoise		DAMAY	Laboratoire Leon Brillouin	France	Multiferroic properties of layered triangular compounds
426	Heavy Fermions IV	July 13 (Fri)	09:00-10:30	104	1	JC01	IS	Dr.	Steffen		Wirth	MPI CPFS	Germany	STM and magnetotransport investigations on the heavy fermion metals YbRh ₂ Si ₂ and
427	Heavy Fermions IV	July 13 (Fri)	09:00-10:30	104	2	JC02	IS	Prof.	E.		Hassinger	University of Sherbrooke	France	Fermi surface of URu ₂ Si ₂ in the hidden order state and in the antiferromagnetic state
428	Heavy Fermions IV	July 13 (Fri)	09:00-10:30	104	3	JC03		Dr.	Hyun Jung		Lee	KIAS	Korea	Switching of magnetic ordering near the quantum critical point of the heavy fermion superconductor
429	Heavy Fermions IV	July 13 (Fri)	09:00-10:30	104	4	JC04		Dr.	Dmytro		Inosov	Max Planck Institute for Solid State Research	Germany	Resonant magnetic exciton mode in the heavy-fermion antiferromagnet CeB ₆
430	Magnetism Theory/Simulation of quantum and classical systems	July 13 (Fri)	09:00-10:30	109	1	JD01		Dr.	Marcelo		Jaime	NHMFL, Los Alamos National Laboratory, Los	USA	Magnetostriction to 97.4T in frustrated Shastry-Sutherland compound SrCu ₂ (BO ₃) ₂
431	Magnetism Theory/Simulation of quantum and classical systems	July 13 (Fri)	09:00-10:30	109	2	JD02		Dr.	Hiroshi		Shinaoka	National Institute of Advanced Industrial	Japan	Unconventional spin-glass behaviors in pyrochlore Heisenberg antiferromagnets coupled with lattice
432	Magnetism Theory/Simulation of quantum and classical systems	July 13 (Fri)	09:00-10:30	109	3	JD03		Dr.	SungBin		Lee	University of California, Santa Barbara	USA	Theory of spin liquids in integer spin pyrochlores
433	Magnetism Theory/Simulation of quantum and classical systems	July 13 (Fri)	09:00-10:30	109	4	JD04		Dr.	Masahiro		Sato	Aoyama Gakuin University	Japan	Field-induced Spin Nematic and Spin Density Wave Orders in Spatially Anisotropic Frustrated Magnets

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434	Magnetism Theory/Simulation of quantum and classical systems	July 13 (Fri)	09:00-10:30	109	5	JD05		Dr.	Eun-Gook		Moon	UCSB	USA	spin liquids for spin 1/2 systems with strong charge fluctuation on the triangular lattice
435	Magnetism Theory/Simulation of quantum and classical systems	July 13 (Fri)	09:00-10:30	109	6	JD06		Dr.	Hiroimi		Otsuka	Tokyo Metropolitan University	Japan	Emergent Criticalities and Phase Transitions in Monomer-Dimer Mixture System on a Honeycomb
436	Domain wall motion III	July 13 (Fri)	09:00-10:30	201	1	JE01		Prof.	Henk		Swagten	Eindhoven University of Technology	Netherlands	Domain-wall physics and devices using focused electron and ion beams
437	Domain wall motion III	July 13 (Fri)	09:00-10:30	201	2	JE02		Dr.	Jun'ichi		Ieda	Japan Atomic Energy Agency	Japan	Real time analysis of spinmotive forces due to domain wall motion
438	Domain wall motion III	July 13 (Fri)	09:00-10:30	201	3	JE03	IS	Prof.	Mathias		Klauri	Institut für Physik Johannes Gutenberg-	Germany	Spin-current induced magnetization dynamics
439	Domain wall motion III	July 13 (Fri)	09:00-10:30	201	4	JE04		Prof.	hiroyuki		awano	Toyota Technological Institute	Japan	External magnetic field dependence of the magnetic wall drive current density in a TbFeCo magnetic
440	Metal spintronics III	July 13 (Fri)	09:00-10:30	202	1	JF01	IS	Ms.	Xiaofeng		Jin	Fudan University	China	Disentangling and Manipulating Intrinsic and Extrinsic Contributions in the Anomalous Hall Effect
441	Metal spintronics III	July 13 (Fri)	09:00-10:30	202	2	JF02		Mr.	Yuta		Yamane	Japan Atomic Energy Agency	Japan	Spinmotive forces in spin-orbit coupling systems
442	Metal spintronics III	July 13 (Fri)	09:00-10:30	202	3	JF03		Dr.	Bo		Gu	Japan Atomic Energy Agency	Japan	Theory of the Spin Hall effect in ferromagnetic metals: Nonlinear behaviors around the Curie temperature
443	Metal spintronics III	July 13 (Fri)	09:00-10:30	202	4	JF04		Prof.	Oleg	N.	Mryasov	MINT	USA	(Withdraw) Minority band gap and magnetic properties of Co2(Fe,Mn)Z (Z=Al, Ga ; Si, Ge) in
444	Metal spintronics III	July 13 (Fri)	09:00-10:30	202	5	JF05		Ms.	Lin		Wu	Fudan University	China	Anisotropy in the intrinsic anomalous Hall effect
445	Spin Waves II	July 13 (Fri)	09:00-10:30	203	1	JG01		Dr.	Volodymyr		Kruglyak	University of Exeter	United Kingdom	Propagation and scattering of spin waves in curved magnonic waveguides
446	Spin Waves II	July 13 (Fri)	09:00-10:30	203	2	JG02		Prof.	Andrei		Slavin	Oakland University	USA	Theory of static and dynamic properties of magnetic dot arrays coupled by dipole-dipole interaction
447	Spin Waves II	July 13 (Fri)	09:00-10:30	203	3	JG03		Dr.	Hiroshi		Imamura	NRI-AIST	Japan	Theoretical study on ferromagnetic resonance of FePt/Py bilayers
448	Spin Waves II	July 13 (Fri)	09:00-10:30	203	4	JG04		Prof.	Shoji		Yamamoto	Hokkaido University	Japan	NMR observations of level crossings in a Cr8F8 pivalate single crystal: The solution to the structured
449	Spin Waves II	July 13 (Fri)	09:00-10:30	203	5	JG05		Mr.	Byeongki		Kang	KAIST	Korea	Spin state of Ferric Chloride investigated by Fe NMR
450	Spin Waves II	July 13 (Fri)	09:00-10:30	203	6	JG06		Mr., Dr.,	Jochen		Litterst	TU Braunschweig	Germany	Spin dynamics of ferrite nanoparticles studied by 57Fe Mossbauer spectroscopy
451	Nanostructured and composite hard magnetic materials	July 13 (Fri)	09:00-10:30	204	1	JH01	IS	Prof.	Hirotooshi		Fukunaga	Nagasaki University	Japan	Multi-layered nanocomposite thick film-magnet for power MEMS applications
452	Nanostructured and composite hard magnetic materials	July 13 (Fri)	09:00-10:30	204	2	JH02	IS	Dr.	Nora		Dempsey	Institut Néel, CNRS/UJF	France	Development of high performance micron-scaled hard magnetic structures for micro-system applications
453	Nanostructured and composite hard magnetic materials	July 13 (Fri)	09:00-10:30	204	3	JH03		Mr.	Dongyoo		Kim	Department of Physics, Pukyong National	Korea	Exchange Spring Magnet for rare earth free Permanent magnet
454	Nanostructured and composite hard magnetic materials	July 13 (Fri)	09:00-10:30	204	4	JH04		Mr.	Jihoon		Park	The University of Alabama	USA	Prediction of maximum energy product for exchange coupled core-shell nanomagnets
455	Strong Magnetic Anisotropy Materials	July 13 (Fri)	09:00-10:30	205	1	JIO1		Dr.	Yiwen		Zhang	Tohoku University	Japan	Ferromagnetic Properties of Co-Pd-SrTiO3 Alloy Films with High Magnetic Anisotropy
456	Strong Magnetic Anisotropy Materials	July 13 (Fri)	09:00-10:30	205	2	JIO2		Mr.	Jungho		Ko	Yonsei Univ.	Korea	Effect of change in thickness on the structural and magnetic properties of L10-ordered FePd films with
457	Strong Magnetic Anisotropy Materials	July 13 (Fri)	09:00-10:30	205	3	JIO3		Dr., Prof.	Takao		Suzuki	Materials for Information Technology (MINT)	USA	(Withdraw) Mechanism of large magnetic anisotropy of thin film m-DO19 Fe3Pt and

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458	Strong Magnetic Anisotropy Materials	July 13 (Fri)	09:00-10:30	205	4	J104		Dr.	Masaki		Mizuguchi	Tohoku University	Japan	Fabrication of highly ordered L1 ₀ type FePt thin films by rapid thermal annealing
459	Strong Magnetic Anisotropy Materials	July 13 (Fri)	09:00-10:30	205	5	J105		Dr.	Zhong		Shi	Tongji University	China	Competing Intrinsic and Side-Jump Anomalous Hall Effects in Isoelectric L10 FePtPd Ternary Alloy Films
460	Strong Magnetic Anisotropy Materials	July 13 (Fri)	09:00-10:30	205	6	J106		Prof.	Wei		Lu	Tongji University	China	Effect of deposition temperature on the crystallographic structure and first-order magnetic
461	Magnetocaloric effects/ Magnetoelastic materials	July 13 (Fri)	09:00-10:30	206	1	JJ01	IS	Prof.	Vitalij	K.	Pecharsky	Ames Lab., Iowa State	USA	Some New Physics and Magnetism of Rare Earth-rich R5T4 and R5T3 Compounds
462	Magnetocaloric effects/ Magnetoelastic materials	July 13 (Fri)	09:00-10:30	206	2	JJ02		Dr., Prof.	Sen		Yang	Xi'an Jiaotong University	China	Morphotropic phase boundary in ferromagnets - a way leading to large magnetostriction
463	Magnetocaloric effects/ Magnetoelastic materials	July 13 (Fri)	09:00-10:30	206	3	JJ03		Prof.	Henryk		Szymczak	Institute of Physics Polish Academy of Sciences	Poland	Magnetostriction in geometrically frustrated Co3V2O8 single crystals
464	Magnetocaloric effects/ Magnetoelastic materials	July 13 (Fri)	09:00-10:30	206	4	JJ04		Prof.	Pedro		Gorria	University of Oviedo	Spain	Magneto-volume anomalies and low-temperature inverse magneto-caloric effect in Er2Fe17
465	Magnetocaloric effects/ Magnetoelastic materials	July 13 (Fri)	09:00-10:30	206	5	JJ05		Dr.	Hideaki		Kitazawa	National Institute for Materials Science	Japan	Neutron diffraction study of rare-earth compound Ho5Pd2 with large magnetocaloric effect
466	Kondo Systems II	July 13 (Fri)	11:00-12:30	101	1	KA01	IS	Dr.	Martin		Wenderoth	4. Physikalisches Institut	Germany	Probing the Kondo effect on the atomic scale by mapping the itinerant electrons
467	Kondo Systems II	July 13 (Fri)	11:00-12:30	101	2	KA02	IS	Dr.	D. T.		Adroja	Rutherford Appleton Laboratory, UK	UK	Coexistence of Antiferromagnetic Order and Hybridization Gap in Ce-based Kondo Semiconductors
468	Kondo Systems II	July 13 (Fri)	11:00-12:30	101	3	KA03		Dr.	Peijie		Sun	Institute of Physics, Chinese Academy of	China	Kondo scattering investigated by Nernst-effect measurements
469	Kondo Systems II	July 13 (Fri)	11:00-12:30	101	4	KA04		Prof.	Pedro		Schlottmann	Florida State University	USA	Electron Spin Resonance in Antiferro-Quadrupolar Ordered CeB6
470	Magnetic Nanoparticles II	July 13 (Fri)	11:00-12:30	106	1	KB01		Prof.	Walther		Schwarzacher	University of Bristol	United Kingdom	Aligning and measuring the magnetic easy axis direction of superparamagnetic nanoparticles at
471	Magnetic Nanoparticles II	July 13 (Fri)	11:00-12:30	106	2	KB02		Dr., Prof.	Jean-Marie		Le Breton	CNRS - Universite de Rouen	France	Exchange-bias in iron-based nanoparticles
472	Magnetic Nanoparticles II	July 13 (Fri)	11:00-12:30	106	3	KB03		Ms.	Elisabeth	S.	Knowles	University of Florida	USA	Photocontrolled Magnetism through Interface Strain in Core-Shell Prussian Blue Analogues
473	Magnetic Nanoparticles II	July 13 (Fri)	11:00-12:30	106	4	KB04			George		Hadjipanayis	University of Delaware	USA	Confinement Effect on the A1 to L10 Phase Transformation of FePt
474	Magnetic Nanoparticles II	July 13 (Fri)	11:00-12:30	106	5	KB05		Dr.	Florent		Tournus	LPMCN, CNRS & Univ. Lyon 1	France	Are small CoPt and FePt nanoparticles mono-L10 domain?
475	Magnetic Nanoparticles II	July 13 (Fri)	11:00-12:30	106	6	KB06			Nuno		Silva	Dep. Fisica and CICECO, Universidade de Aveiro	Portugal	Magneto-structural correlations in antiferromagnetic and ferrimagnetic nanoparticles
476	Magnetic Thin Films and Nanostructures II	July 13 (Fri)	11:00-12:30	104	1	KC01		Prof.	Chunghee		Nam	Hannam University	Korea	360 degree domain walls in various magnetic ring thin films
477	Magnetic Thin Films and Nanostructures II	July 13 (Fri)	11:00-12:30	104	2	KC02		Prof.	Naoki		Wakiya	Shizuoka University	Japan	Magneto-optical effect of rare earth doped zinc ferrite thin films prepared using PLD
478	Magnetic Thin Films and Nanostructures II	July 13 (Fri)	11:00-12:30	104	3	KC03		Mr.	Tatsuro		Ohashi	Tohoku university	Japan	Electric field control of coercivity of Pt / Co / Al-O trilayer structures
479	Magnetic Thin Films and Nanostructures II	July 13 (Fri)	11:00-12:30	104	4	KC04			Kyung Ho		Kim	Korea Institute of Science and Technology	Korea	Microstructure and magnetic property of epitaxial Fe/MgO layer on GaAs and InAs (001) substrates
480	Magnetic Thin Films and Nanostructures II	July 13 (Fri)	11:00-12:30	104	5	KC05		Prof.	Pedro Antonio		Algarabel Lafuente	ICMA	Spain	MAGNETIC AND TRANSPORT PROPERTIES OF EPITAXIAL DISCONTINUOUS Fe/MgO MULTILAYERS
481	Magnetic Thin Films and Nanostructures II	July 13 (Fri)	11:00-12:30	104	6	KC06		Mr.	Tatsuya		Nomura	Kyushu University	Japan	Magnetic and transport properties of submicron Gd strip

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482	Characterization of Magnetic Properties	July 13 (Fri)	11:00-12:30	109	1	KD01	IS	Mr.	Konstantin		Hirsch	Helmholtz Zentrum Berlin	Germany	Spin coupling, orbital angular momentum quenching, and electron localization in size-selected free transition
483	Characterization of Magnetic Properties	July 13 (Fri)	11:00-12:30	109	2	KD02		Dr.	Karine		Dumesnil	Institut Jean Lamour	France	(Withdrawn) nm-SIZED MAGNETIC DOMAINS OBSERVED BY SMALL ANGLE NEUTRON
484	Characterization of Magnetic Properties	July 13 (Fri)	11:00-12:30	109	3	KD03		Mr.	Shengjun		Tang	Department of Materials Science of Technology,	Japan	Optical and Magneto-optical Characterization of Y0.5Bi1.25Fe5O12 and Bi3Fe5O12Thin Films Prepared
485	Characterization of Magnetic Properties	July 13 (Fri)	11:00-12:30	109	4	KD04		Mr.	Augustin	Lutondo	Kwilu	Tohoku University	Japan	Fabrication of the epitaxial growth of (100) and (110) oriented Heusler alloy films for magnetic damping
486	Domain Walls and Spin Ice System	July 13 (Fri)	11:00-12:30	201	1	KE01	IS	Prof.	Christopher		Marrows	University of Leeds	United Kingdom	Thermalised and frozen magnetization dynamics in artificial spin ice
487	Domain Walls and Spin Ice System	July 13 (Fri)	11:00-12:30	201	2	KE02	IS	Prof.	Russell		Cowburn	University of Cambridge	United Kingdom	Towards fully 3-dimensional MRAM
488	Domain Walls and Spin Ice System	July 13 (Fri)	11:00-12:30	201	3	KE03	IS	Prof.	Sug-Bong		Choe	Seoul National Univerisity	Korea	Spin-transfer-torques-induced domain-wall motion in ferromagnetic Pt/Co/Pt nanowires with perpendicular
489	Novel spintronic devices and materials	July 13 (Fri)	11:00-12:30	202	1	KF01	IS	Prof.	Yoshishige		Suzuki	Osaka University	Japan	Non-linear dynamics and high RF detection sensitivity in MgO-based spin-torque diode
490	Novel spintronic devices and materials	July 13 (Fri)	11:00-12:30	202	2	KF02		Dr.	Karine		Dumesnil	Institut Jean Lamour	France	(Withdraw) FINITE TUNNEL MAGNETORESISTANCE IN JUNCTIONS WITH A
491	Novel spintronic devices and materials	July 13 (Fri)	11:00-12:30	202	3	KF03		Dr.	Mamoru		Matsuo	Japan Atomic Energy Agency	Japan	Effects of mechanical rotation and vibration on spin currents
492	Novel spintronic devices and materials	July 13 (Fri)	11:00-12:30	202	4	KF04		Dr.	Masayoshi		Seike	Grad. School of Eng. Sci., Osaka Univ. and Cent.	Japan	Design of Self-Organized Nanostructures to Achieve High Blocking Temperatures in MgO-based Pd^{0}
493	Novel spintronic devices and materials	July 13 (Fri)	11:00-12:30	202	5	KF05		Mr.	Keita		Ito	University of Tsukuba	Japan	Negative spin-polarization of Fe _n N observed by spin-resolved photoemission spectroscopy
494	SCES Theory III	July 13 (Fri)	11:00-12:30	203	1	KG01	IS	Prof.	Alexander		Balatsky	Center for Integrated Nanotechnologies, LANL	USA	Hidden Order Pseudogap and Hybridization Modulation in URu2Si2
495	SCES Theory III	July 13 (Fri)	11:00-12:30	203	2	KG02	IS	Prof.	Jaejun		Yu	Seoul National University	Korea	Strain-effect on topological quantum phase transition in Ir-oxides
496	SCES Theory III	July 13 (Fri)	11:00-12:30	203	3	KG03		Prof.	Yukinori		Ohta	Chiba University	Japan	Hollandites - theoretical aspects of their unique electronic properties
497	SCES Theory III	July 13 (Fri)	11:00-12:30	203	4	KG04		Prof.	Mucio	Amado	Continentino	Centro Brasileiro de Pesquisas Fisicas	Brazil	Inter-band pairing and inhomogeneous superconductivity in multi-orbital systems
498	Coercivity Mechanism	July 13 (Fri)	11:00-12:30	204	1	KH01	IS	Mr., Dr.,	Oliver		Gutfleisch	Technical University of Darmstadt	Germany	HIGH PERFORMANCE PERMANENT MAGNETS FOR ENERGY APPLICATIONS
499	Coercivity Mechanism	July 13 (Fri)	11:00-12:30	204	2	KH02		Dr.	Chiharu		Mitsumata	Tohoku University	Japan	INFLUENCE OF SURFACE ANISOTROPY ON ORIENTATION OF CRYSTAL GRAIN IN RARE-EARTH
500	Coercivity Mechanism	July 13 (Fri)	11:00-12:30	204	3	KH03			Michael		Hall	National Physical Laboratory	United Kingdom	International comparison of the properties of permanent magnets measured using an electromagnet
501	Coercivity Mechanism	July 13 (Fri)	11:00-12:30	204	4	KH04		Mr.	Jaejin		Lee	The University of Alabama	USA	Ab Initio Calculations of magnetic moment and magneto-crystalline anisotropy: New ternary alloy Mn-
502	Theoretical Calculation	July 13 (Fri)	11:00-12:30	205	1	KI01	IS	Mr.	Soon Cheol		Hong	University of Ulsan	Korea	First-principles prediction of large perpendicular magnetocrystalline anisotropy of 4d-monolayers on
503	Theoretical Calculation	July 13 (Fri)	11:00-12:30	205	2	KI02		Prof.	Carmen		Munoz	ICMM- Consejo Superior de Investigaciones	Spain	Ferromagnetic phase at the LaTiO ₃ /SrTiO ₃ (001) interface induced by SrTiO ₃ lattice deformation
504	Theoretical Calculation	July 13 (Fri)	11:00-12:30	205	3	KI03		Dr.	Masahito		Tsujikawa	Center for Spintronics Integrated Systems,	Japan	Interfacial magnetic anisotropy of junctions between Fe and transition-metal nitrides or carbides: a first-
505	Theoretical Calculation	July 13 (Fri)	11:00-12:30	205	4	KI04			Ching Hao		Chang	National Tsing Hua University	Taiwan	Enhancement of exchange coupling by incoherent quantum resonance

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506	Theoretical Calculation	July 13 (Fri)	11:00-12:30	205	5	KI05		Prof.	Sergey		Demishev	General Physics Institute of RAS	Russia	Scrolling effects in vanadium oxide nanotubes and nanolayers.
507	New Developments	July 13 (Fri)	11:00-12:30	206	1	KJ01	IS	Prof.	Kazuo		Kadowaki	University of Tsukuba	Japan	THz Emission from High- T_c Superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ Intrinsic
508	New Developments	July 13 (Fri)	11:00-12:30	206	2	KJ02	IS	Prof.	Kee Hoon		Kim			THz Emission from High- T_c Superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ Intrinsic
509	New Developments	July 13 (Fri)	11:00-12:30	206	3	KJ03		Prof.	Dirk		Manske	Max Planck Institute for Solid State Research	Germany	Novel Josephson effect in triplet Josephson junctions: the story begins
510	New Developments	July 13 (Fri)	11:00-12:30	206	4	KJ04		Prof.	Kamran		Behnia	CNRS	France	Field-induced polarization of Dirac valleys in bismuth