

Dec. 6 (Sat.)

Session 1	Presentation time (min) <inc. Q&A>		Name	Title	Affiliation	Paper (registration) number
Chairperson TBA						
	9:30	10	Yasuhiro H. Matsuda	Opening remarks	Univ. of Tokyo	-
	9:40	25	Sven Badoux (Invited)	Recent development of transport measurements in the Megagauss installation (beyond 120 T)	LNCMI-EMFL	81
	10:05	20	Yuto Ishii	Ultrahigh magnetic-field effects on metal-insulator transition in V2O3+d (d = 0.03)	Univ. of Tokyo	103
	10:25	20	Rinsuke Yamada	Transport and thermoelectric responses of quasi-one-dimensional electrons in the quantum limit of CaIrO3	Univ. of Tokyo	16
	10:45	20	Tea Break			
Session 2						
Chairperson TBA						
	11:05	25	Liang Li (Invited)	TBA	Wuhan high magnetic field lab	108
	11:30	20	Masaki Gen	Possible valence transition at high magnetic fields in the multi-Q hosting cubic perovskite SrFeO3	Univ. of Tokyo	58
	11:50	20	Hiroaki Hayashi	Ultrahigh magnetic field study on magnetization plateaus of YCu3(OD)6.5Br2.5	Univ. of Tokyo	79
	12:10	110	Lunch break			
Session 3						
Chairperson TBA						
	14:00	20	Takumi Kihara	Creation of a Non-Modulated Metastable Martensitic Phase in NiCoMnGa Heusler Alloy by Pulsed High Magnetic Fields	Okayama Univ.	20
	14:20	20	Atsushi Miyake	Magnetic shape memory effect in RSb2 (R : rare earths)	Tohoku Univ.	48
	14:40	20	Yasuhiro H. Matsuda	Magnetic-field-induced insulator-metal transition in V1-xWxO2 (x = 0.06, 0.12) in magnetic fields of up to 500 T	Univ. of Tokyo	1
	15:00	20	Joji Nasu	Magnetic field effect on correlated electron systems with orbital degrees of freedom	Tohoku Univ.	24
	15:20	20	Tea Break			
Session 4						
Chairperson TBA						
	15:40	20	Atom Hamasaki	Dynamics Measurements of Deformation Process of Spherical Lipid Bilayer Membrane Induced by Pulsed Magnetic Fields	Shinshu University	64
	16:00	20	Wataru Setaka	Dielectric Relaxation of Crystalline Caged Dipolar Rotors under Strong Magnetic Fields	Tokyo Metropolitan Univ.	43
	16:20	20	Yasuhiro Kuramitsu	Nonlinear evolution of the Weibel instability in the presence of an external magnetic field	Univ. of Osaka	13
	16:40	20	Youichi Sakawa	Astrophysical collisionless magnetized shock experiments driven by a power laser system	Univ. of Osaka	69
	17:00	20	Taichi Morita	Progress of Magnetic Reconnection Research and application to space propulsion system using high-energy-density laser-produced plasma	Kyushu University	94
	17:20					

Dec. 7 (Sun)

Session 5	Presentation time (min) <inc. Q&A>	Name	Title	Affiliation	Paper (registration) number	
Chairperson TBA						
	9:30	25	Sergei Zherlitsyn (Invited) The HLD - the EMFL facility in Dresden: Recent results	HZDR	14	
	9:55	20	Masashi Tokunaga	Non-linear transport in field-induced insulating states of graphite	Univ. of Tokyo	19
	10:15	20	Masaki Uchida	New attempts in high-field transport studies of thin films	Institute of Science Tokyo	27
	10:35	20	Tea Break			
Session 6						
Chairperson TBA						
	10:55	20	Hideaki Sakai	High-field transport in SrCdBi2 with a 2D Bi layer	Tohoku Univ.	40
	11:15	20	Yuki Fuseya	Quantum-Classical Correspondence, Field-Induced Crossover in the Extreme Quantum-Limit, and the Pseudo Anomalous Hall Effect	Kobe Univ.	51

11:35	20	Toshihito Osada	Resonant Interlayer Transport in Multilayer Conductors under Parallel Strong Magnetic Fields	Univ. of Tokyo	73
11:55	95	Lunch break			

Session 7

Chairperson

TBA

13:30	20	Noriaki Hanasaki	Ultrahigh Magnetic Field Effect on Ferroelectric State in Nonmagnetic Pyrochlore Niobate Cd ₂ Nb ₂ O ₇	Univ. of Osaka	9
13:50	20	Shu-Qi Wu	Magnetic-field-induced polarization dynamics of polar crystals with electron dynamics	Kyushu Univ.	110
14:10	20	Yu-Bo Huang	All-Optical Polarization Control of Ferroelectrics via Intramolecular Electron Transfer	Univ. of Tokyo	101
14:30	20	Yusuke Tomita	Inverse piezoelectric effect and magnetic field	Shibaura Institute of Technology	32
14:50	Tea Break				

Session 8

Chairperson

TBA

	15:10	25	Ben Murdin (Invited)	TBA	Univ. of Surrey	111
	15:35	20	Yoshihiko Ihara	Continuous-wave NMR measurement in pulsed magnetic fields	Hokkaido Univ.	46
	15:55	20	Shingo Yonezawa	Magneto-optical Kerr effect measurements under pulsed magnetic fields	Kyoto Univ.	57
	16:15	135	Poster Presentation			
	18:30					

Dec. 8 (Mon)

Session 9

Presentation
time (min)
<inc. Q&A>

Name

Title

Affiliation

Paper
(registration)
number

Chairperson

TBA

9:30	25	Oliver Portugall (Invited)	Quantum oscillations at the frontier between quasi-DC and quasi-optical measurements	LNCMI-EMFL	93
9:55	20	Yuta Seo	Study on two-dimensional materials in high magnetic fields	Univ.of Tokyo	97
10:15	20	Akihiko Ikeda	Present and future of XFEL experiments above 100 T	Univ.of Electro-Communications	105
10:35	20	Tea Break			

Session 10

Chairperson

TBA

TBA					
10:55	35	Kazuo Makishima *, Yuki Fuseya # (Joint talk)	Possible Ferromagnetism of Itinerant Electrons in Coulombic Crystals at the Core of White Dwarf Stars	* Univ. of Tokyo, # Kobe Univ	15
11:30	20	Toshiaki Inada	Quantum sensing of magnetic fields using NV centers and its application to dark matter searches	Univ. of Tokyo	76
11:50	20	Kazuyuki Nakayama	Experimental study on Synthetic Magnetic Field Generated by Nonlinear Optical Process	Univ. of Tokyo	31
12:10	110	Lunch break			
14:00	120	Lab tour			
16:00	120	Free Time			
18:00	120	Banquet			
20:00					

Dec. 9 (Tue)

Session 11

Presentation
time (min)
<inc. Q&A>

Name

Title

Affiliation

Paper
(registration)
number

Chairperson

TBA

9:30	20	Shojiro Kimura	Nonreciprocal optical response in noncentrosymmetric magnets in high magnetic fields	Tohoku Univ.	85
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9:50	20	Takashi Nagata	The Possibility of Magnetic Field Effects on Photosensitive Proteins	Univ. of Tokyo	88
10:10	20	Tetsuro Kusamoto	Magnetoluminescence from open-shell molecular systems	Univ. of Osaka	74
10:30	20	Shuhei Fukuoka	Ultrahigh magnetic field effects on neutral-ionic transition systems	Hokkaido Univ.	65
10:50	20	<i>Tea Break</i>			

Session 12

Chairperson

TBA

11:10	20	Ryuta Iwazaki	Magnetic field response of Kitaev candidate materials RuX ₃ (X = Cl, Br) using a localized effective model based on first-principles calculation	Tohoku Univ.	61
11:30	20	Yoshinori Imai	Magnetic torque measurement of Kitaev quantum spin liquid candidate material Ru(Br _{1-x} I _x) ₃ single crystals	Tohoku Univ.	95
11:50	20	Xu-Guang Zhou	Dominant Kitaev Interaction and Field-induced Quantum Disordered Phase in the Cobaltate Na ₂ Co ₂ TeO ₆ quasi-optical measurements	CHMFL	56
12:10	10	Akihiko Ikeda	Closing Remarks	Univ.of Electro-Communications	-
12:20					