Oral Sessions

Presentation Time

Invited: 15 min for presentation, and 5 min for discussion.

Contributed: 10 min for presentation, and 5 min for discussion.

Keynote/Invited	Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: Middle name	Account: FAMILY NAME	Account: Affiliation	Abstract title
Chairpersons: Noriko Chikumoto / Yoshihiko Takano									
	B-4-O24-001	24 Sep.	10:30	10:45	Jun-ichi		SHIMOYAMA	University of Tokyo	Relationships among crystal structure, chemical composition and superconducting properties of layered cuprates and iron-arsenides
Invited	B-4-I24-002	24 Sep.	10:45	11:05	Boris		MAIOROV	Los Alamos National Laboratory	Synergy and Competition in Fe- and Cu-based High Tc Superconductors
Invited	B-4-I24-003	24 Sep.	11:05	11:25	Gianrico		LAMURA	CNR-SPIN and Universita di Genova	Interplay between superconductivity and magnetism in iron based compounds
Invited	B-4-I24-004	24 Sep.	11:25	11:45	Yoshikazu		MIZUGUCHI	Tokyo Metropolitan University	Physical properties of layered chalcogenide superconductors and related magnetic materials
	B-4-O24-005	24 Sep.	11:45	12:00	Hanns-Ulrich		HABERMEIER	Max-Planck-Institut FKF	Oxide Interface Engineering - a Route towards Superconductivity at Ambient Temperatures?
Lunch		24 Sep.	12:00	13:30					
Chairpersons: Jaume Gazquez / Kaname Matsumoto									
Invited	B-4-I24-006	24 Sep.	13:30	13:50	Mitsuru		IZUMI	Tokyo University of Marine Science and Technology	Flux Trapping and Applications in Bulk High-Tc superconductors
	B-4-O24-007	24 Sep.	13:50	14:05	SANG-IM		YOO	Seoul National University	Enhanced flux pinning properties of the MOD-processed YBa2Cu3O7-d thin films with BaZrO3 nanoparticles
Invited	B-4-I24-008	24 Sep.	14:05	14:25	Yutaka		YOSHIDA	Nagoya university	High Jc SmBCO films doped BaSnO3 nanorods by alternating targets for coated conductor application
Invited	B-4-I24-009	24 Sep.	14:25	14:45	Judy		WU	University of Kansas	Controllable generation of pinning landscape via strain-mediated self-assembly of nanostructures in YBCO films: modeling and experiment
	B-4-O24-010	24 Sep.	14:45	15:00	Katherine		DEVELOS-BAGARINAO	National Institute of Advanced Industrial Science and Technology	Enhanced flux pinning in MOD YBa2Cu3O7-delta films with minute rare-earth additions and nanodefects introduced by ion milling
Coffee Break		24 Sep.	15:00	15:15					
Chairpersons: Gianrico LAMURA / Yutaka Yoshida									
Invited	B-4-I24-011	24 Sep.	15:15	15:35	Kun'ichi		MIYAZAWA	National Institute for Materials Science	Synthesis of fullerene nanomaterials by LLIP method and their properties and applications including superconductor
Invited	B-4-I24-012	24 Sep.	15:35	15:55	Hiroyuki		TAKEYA	National Institute for Materials Science	Synthesis and Superconducting Properties of Potassium-doped Fullerene Nanowhiskers
Invited	B-4-I24-013	24 Sep.	15:55	16:15	Hideki		TOU	Kobe University	15N-NMR studies of layered nitride superconductor LixZrNCl
	B-4-O24-014	24 Sep.	16:15	16:30	Nobuaki		SATAKE	Yamagata University	Preparation and physical properties of indium-based cuprate compounds In1-xMxBaLaCuOy (M=Sc , etc.)
Invited	B-4-I24-015	24 Sep.	16:30	16:50	Hiraku		OGINO	The University of Tokyo	Structure and physical properties of iron-based superconductors with thick blocking layers
	B-4-O24-016	24 Sep.	16:50	17:05	SAtoshi		DEMURA	National Institute for Materials Science	Electrochemical synthesis of iron-based superconductor FeSe
Invited	B-4-I24-017	24 Sep.	17:05	17:25	Masamichi		NAKAJIMA	National Institute of Advanced Industrial Science and Technology	Single-Crystal Growth and Physical Properties of BaFe2(As1-xPx)2
Invited	B-4-I24-018	24 Sep.	17:25	17:45	Noriko		CHIKUMOTO	Superconductivity Research Laboratory, ISTEC	Vortex pinning characteristics of doped BaFe2As2 single crystals
Chairpersons: G.Grasso / Jun-ichi Shimoyama									
Invited	B-4-I25-001	25 Sep.	10:30	10:50	Naoyuki		AMEMIYA	Kyoto University	Influence of HTS Tape Magnetization on Magnetic Field Harmonics of Dipole Magnet
Invited	B-4-I25-002	25 Sep.	10:50	11:10	T.		KAGIYAMA	Sumitomo Electric Industries, Ltd.	Recent R&D activities of DI-BSCCO
Invited	B-4-I25-003	25 Sep.	11:10	11:30	Shigehiro		NISHIJIMA	Osaka University	Superconducting Magnetic Force Control Technology and the Application
	B-4-O25-004	25 Sep.	11:30	11:45	Takaki		KAMEYA	Tokyo University of Technology	Preparation and application of Shocked Bi-Superconducting Crystal Grains with Seed-Crystals
	B-4-O25-005	25 Sep.	11:45	12:00	Akiyoshi		MATSUMOTO	National Institute for Materials Science	The microstructure and superconducting properties of Bi,Pb-2223 thin film fabricated by RF sputtering and post annealing method
Lunch		25 Sep.	12:00	13:30					
Chairpersons: Jun Ho Kim / Yoshikazu Mizuguchi									
Invited	B-4-I25-006	25 Sep.	13:30	13:50	Yoichi		KAMIHARA	KEIO University	Current status of iron-based superconductors and related materials
Invited	B-4-I25-007	25 Sep.	13:50	14:10	Naurang	L.	SAINI	Universita di Roma La Sapienza	Character and role of atomic disorder in Fe-based superconductors
Invited	B-4-I25-008	25 Sep.	14:10	14:30	Hisashi		KOTEGAWA	Kobe University	NMR Study for Perovskite-type Fe-based Superconductors and Iron Selenide Superconductors
	B-4-O25-009	25 Sep.	14:30	14:45	Hiroyuki		OKAZAKI	National Institute for Materials Science	Ultrathin Film of 11 type Iron-Based Compounds Fabricated by Scotch-Tape method
	B-4-O25-010	25 Sep.	14:45	15:00	Saleem	James	DENHOLME	National institute for materials research (NIMS)	Synthesis and investigation of tetragonal - FeS: Discussion of its relation to the family of Fe-based chalcogenide superconductors
Coffee Break		25 Sep.	15:00	15:15					
Chairpersons: Judy Wu / Satoshi Awaji									
Invited	B-4-I25-011	25 Sep.	15:15	15:35	Akiyasu		YAMAMOTO	Univ. of Tokyo	Understanding the routes to superior intergrain connectivity and critical current density in MgB2 superconductor
	B-4-O25-012	25 Sep.	15:35	15:50	Shujun		YE	National Institute for Materials Science	Critical current properties and structure of internal Mg diffusion- processed 37-filamentary MgB2 wires
	B-4-O25-013	25 Sep.	15:50	16:05	Daisuke		OTA	Yokohama National University, Faculty of Engineering	Effect of Heavy Metal Addition into MgB2 Superconductor
Invited	B-4-I25-014	25 Sep.	16:05	16:25	Jung Ho		KIM	Institute for Superconducting and Electronic Materials	Microscopic role of carbon on MgB2 wire for critical current density
Invited	B-4-I25-015	25 Sep.	16:25	16:45	Kaname		MATSUMOTO	Kyushu Institute of Technology	Critical current in YBa2Cu3O7-x films with length-controlled nanorods and additional artificial defects
Invited	B-4-I25-016	25 Sep.	16:45	17:05	Masakazu		HARUTA	Kochi University of Technology	Nanostructure and critical current properties for different RE composition in REBa2Cu3Oy films with nanorods
	B-4-O25-017	25 Sep.	17:05	17:20	Akihiro		TSURUTA	Nagoya University	Fabrication of BSO nano-rods acting as 3D-APC thorough fabricating multilayered SmBCO
Invited	B-4-I25-018	25 Sep.	17:20	17:40	Jaume		GAZQUEZ	ICMAB-CSIC	Solution deposited YBa2Cu3O7-x nanocomposites thin films: coupling superconducting pairing to lattice strain
Chairpersons: Boris Maiorov / Kazumasa Togano									
Invited	B-4-I26-001	26 Sep.	9:00	9:20	Qiang		LI	Brookhaven National Laboratory	Superconductivity: Rising to the Energy Challenges
Invited	B-4-I26-002	26 Sep.	9:20	9:40	Teruo		IZUMI	ISTEC-SRL	Recent Trend & New Future Prospect on R&D of Coated Conductors
Invited	B-4-I26-003	26 Sep.	9:40	10:00	SANG-IM		YOO	Seoul National University	Recent progress in long-length high-Ic GdBCO coated conductors by the reel-to-reel RCE-DR process
Coffee Break		26 Sep.	10:00	10:30					
Chairpersons: Naurang L. Saini / Hiroyuki Takeya									
Invited	B-4-I26-004	26 Sep.	10:30	10:50	Masaki		MITO	Kyushu Institute of Technology	Uniaxial Strain and hydrostatic pressure effects on YBa2Cu4O8
	B-4-O26-005	26 Sep.	10:50	11:05	Hirofumi		SAKAKIBARA	The University of Electro-Communications	Pressure effects on Tc of the cuprates from a multi-orbital control viewpoint
Invited	B-4-I26-006	26 Sep.	11:05	11:25	Masanori		NAGAO	University of Yamanashi	Growth of c-axis oriented Nd-123 single-crystal whiskers
	B-4-O26-007	26 Sep.	11:25	11:40	Shinichi		MOROHASHI	Yamaguchi University	Ta-based Junctions with Nb/AlOx-Al/Ta/Nb Structure Fabricated by Revolving-type Facing-target Sputtering System
Invited	B-4-I26-008	26 Sep.	11:40	12:00	Michael		EISTERER	Vienna University of Technology	Critical Currents in Iron Based Superconductors
Lunch		26 Sep.	12:00	13:30					
Chairpersons: Qiang Li / Hisashi Kotegawa									
Invited	B-4-I26-009	26 Sep.	13:30	13:50	Yanwei		MA	Institute of Electrical Engineering, Chinese Academy of Sciences	Recent progress in iron-based superconducting wires and tapes
Invited	B-4-I26-010	26 Sep.	13:50	14:10	Kazumasa		TOGANO	National Institute for Materials Science	Transport Critical Current and Microstructures of the PIT Processed Ba-122 Superconducting Wires and Tapes
	B-4-O26-011	26 Sep.	14:10	14:25	Hajime		SHINOHARA	Keio University	Reflection spectra of SmFeAsO1-xFx (x=0, 0.069) in a visible area
	B-4-O26-012	26 Sep.	14:25	14:40	Masaya		FUJIOKA	National Institute for Materials Science	Enhancement of Magnetic Jc for SmFeAsO1-xFx Superconducting Core
Invited	B-4-I26-013	26 Sep.	14:40	15:00	Yoshihide		KIMISHIMA	Faculty of Engineering, Yokohama National University	Intrinsic Magnetic Properties of High-Temperature Superconductor K0.8Fe2Se2
Coffee Break		26 Sep.	15:00	15:15					
Chairpersons: Yanwei Ma / Akiyasu Yamamoto									
	B-4-O26-014	26 Sep.	15:15	15:30	Yoshihiko		TAKANO	National Institute for Materials Science (NIMS)	Oxygen-annealing effects of FeTe1- xSex
	B-4-O26-015	26 Sep.	15:30	15:45	Keita		DEGUCHI	National Institute for Materials Science	Investigation for the mechanism of alcoholic beverage induced superconductivity in Fe1+dTe1-xSx
	B-4-O26-016	26 Sep.	15:45	16:00	Hiroki		IZAWA	Tokyo Metropolitan University	Fabrication of FeSe wire by a novel chemical-transformation PIT process
	B-4-O26-017	26 Sep.	16:00	16:15	Minoru		MIGITA	Yokohama National University, Kimishima Lab.	Ag Doping Effects in FeSe0.5Te0.5 superconductor
	B-4-O26-018	26 Sep.	16:15	16:30	Toshinori		OZAKI	National Institute for Materials Science	Superconductivity and magnetic properties of Te-substituted KxFe2-ySe2
	B-4-O26-019	26 Sep.	16:30	16:45	yuusuke		TOMITA	Kobe-univ	NMR study of Fe-based superconductors KxFe2-ySe2
Invited	B-4-I26-020	26 Sep.	16:45	17:05	Chiara		TARANTINI	National High Magnetic Field Laboratory-Florida State University	Iron-based Superconductors: Study of Properties Useful for Applications
Invited	B-4-I26-021	26 Sep.	17:05	17:25	Minoru		MAEDA	Nihon University	Superior performance of MgB2 wire prepared from carbon treated boron nanopowder
	B-4-O26-022	26 Sep.	17:25	17:40	masataka		SON	Tokai University	External Diffusion Processed MgB2 Wires Prepared by Hot-Isostatic Pressing
	B-4-O26-023	26 Sep.	17:40	17:55	Yunchao		ZHANG	National Institute for Materials Science (NIMS)	Enhancement of the critical current density of in situ powder-in-tube processed MgB2 wires with both xylene and SiC powder addition
Chairpersons: Michael Eisterer / Guo YAN									
Invited	B-4-I27-001	27 Sep.	10:30	10:50	Yasuhiro		IIJIMA	Fujikura Ltd.	Current Status and Future Prospect of IBAD-Processed Coated Conductors
	B-4-O27-002	27 Sep.	10:50	11:05	Satoshi		AWAJI	Tohoku University	Effect of Nanorods on Low Temperature Jc properties in GdBCO Coated Conductors
Invited	B-4-I27-003	27 Sep.	11:05	11:25	T.		MACHI	Superconductivity Research Laboratory, ISTEC	Filamentarization and characterization of coated conductors
Invited	B-4-I27-004	27 Sep.	11:25	11:45	Tetsuo		OKA	Niigata University	Magnetic Field-Trapping Properties of Melt-Processed RE123 Bulk Superconductors Activated by Pulsed-Field Magnetizing Method
	B-4-O27-005	27 Sep.	11:45	12:00	Yusuke		ICHINO	Nagoya University	Combinatorial Nd:YAG-PLD method for investigation of flux pinning materials
Lunch		27 Sep.	12:00	13:30					
Chairpersons: Sang-Inn Yoo / Yoichi Kamihara									
Invited	B-4-I27-006	27 Sep.	13:30	13:50	Takanobu		KISS	Kyushu University	Present Status and Future Prospects of Critical Currents in Gd1Ba2Cu3O7- Coated Conductors
Invited	B-4-I27-007	27 Sep.	13:50	14:10	Minoru		NOHARA	Okayama University	Superconductivity Induced by Pt Doping of IrTe2 with Triangular Lattice
	B-4-O27-008	27 Sep.	14:10	14:25	Satoshi		OKADA	Nihon University	Magnetic Properties of Layered Cobalt Oxyphosphide Sr2ScCoPO3 with CoP Layer
	B-4-O27-009	27 Sep.	14:25	14:40	Tomohisa		TAKAMATSU	Graduate School of Engineering, Tohoku University	Low-Temperature Synthesis of New Hole-Doped Superconductor T'-La1.8-xEu0.2SrxCuO4 by the Soft-Chemical Technique
Invited	B-4-I27-010	27 Sep.	14:40	15:00	Hidenori		HIRAMATSU	Tokyo Institute of Technology	Epitaxial growth and transport properties of 122-type iron-pnictide films
Coffee Break		27 Sep.	15:00	15:15					
Chairpersons: Hiroaki Kumakura / Takanobu Kiss									
Invited	B-4-I27-011	27 Sep.	15:15	15:35	Michio		NAITO	Tokyo University of Agriculture and Technology	MBE growth of iron-based superconductors
	B-4-O27-012	27 Sep.	15:35	15:50	Shen	V	CHONG	Industrial Research Limited	Superconductivity and a Large Magneto-Resistance in SrFe2As2 Single Crystals
	B-4-O27-013	27 Sep.	15:50	16:05	Minghui		SONG	National Institute for Materials Science	Correlation between microstructure and high critical current of MgB2 Superconductor wires fabricated with internal magnesium diffusion process
Invited	B-4-I27-014	27 Sep.	16:05	16:25	PAN		XIFENG	Northwest Institute for Nonferrous Metal Research	Enhancement of critical current density and flux pinning in powder-in-tube-processed multifilamentary MgB2 wires
Invited	B-4-I27-015	27 Sep.	16:25	16:45	G.		GRASSO	Columbus Superconductors	Scaling up of ex-situ multifilamentary MgB2 superconducting wire
	B-4-O27-016	27 Sep.	16:45	17:00	Hiroaki		KUMAKURA	National Institute for Materials Science	MgB2 filling factor and critical current density of MgB2 tapes and wires