

Oral Session

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
Chairperson: Sadamichi Maekawa (JAEA)									
Invited	C-9-124-001	24-Sep	10:30	11:00	Yoshinori		TOKURA	University of Tokyo	Are Correlated Electrons Useful for Energy Functions?
Invited	C-9-124-002	24-Sep	11:00	11:30	Giulio		CASATI	center for complex systems- Insuabria University	DYNAMICAL MODELS FOR THERMOPOWER
	C-9-O24-003	24-Sep	11:30	11:45	Naoki		TOSHIMA	Tokyo University of Science Yamaguchi	Organic Thermoelectric Materials of PEDOT:PSS with Gold Nanoparticles
	C-9-O24-004	24-Sep	11:45	12:00	Ryuji		OKAZAKI	Nagoya University	Photo-Seebeck Effect in Oxide Materials
Lunch			12:00	13:30					
Chairperson: Kamran Behnia (U. Paris)									
Invited	C-9-124-005	24-Sep	13:30	14:00	Sadamichi		MAEKAWA	Japan Atomic Energy Agency	Seebeck Effect and Spin Seebeck Effect
	C-9-O24-006	24-Sep	14:00	14:15	Minoru		NOHARA	Okayama University	Enhanced Thermoelectric Properties by Ir Doping of PSb2
	C-9-O24-007	24-Sep	14:15	14:30	Takafumi		SHIMADA	Nagoya University	Relation between electronic structure and huge Seebeck coefficient of FeSb2
	C-9-O24-008	24-Sep	14:30	14:45	Ken		KUROSAKI	Osaka University	Thermoelectric Properties of Ti-Filled CoSb3 Based Skutterudites
	C-9-O24-009	24-Sep	14:45	15:00	Michitaka		OHTAKI	Kyushu University	Optimizing the Thermoelectric Properties of Oxide Materials: some case studies and strategies
Coffee Break			15:00	15:15					
Chairperson: Jeffrey Snyder (Caltech)									
Invited	C-9-124-010	24-Sep	15:15	15:45	Qiang		LI	Brookhaven National Laboratory	Breaking the Thermal Conductivity Glass Limit
Invited	C-9-124-011	24-Sep	15:45	16:15	xun		SHI	shanghai institute of ceramics	Copper ion Novel Thermoelectric Materials
	C-9-O24-012	24-Sep	16:15	16:30	Takao		MORI	National Institute for Materials Science (NIMS)	Finding Novel Routes to Intrinsically Lower Thermal Conductivity
Chairperson: Collin Greaves (U. Birmingham)									
Invited	C-9-124-013	24-Sep	16:30	17:00	Kunihito		KOUMOTO	Nagoya University	TiS2-based Layer Sulfides for Thermoelectrics
	C-9-O24-014	24-Sep	17:00	17:15	Emmanuel		GULMEAU	CNRS	Texture and thermoelectric properties in bulk layered TiS2 based compounds
	C-9-O24-015	24-Sep	17:15	17:30	Yulia	Eka	PULRI	Nagoya University	Thermoelectric Properties of (BiS)1.2(Mg,Cr)(Ti)-xS2) Mifit Layer Sulfides
	C-9-O24-016	24-Sep	17:30	17:45	Yuzuru		MIYAZAKI	Tohoku University	Thermoelectric properties of misfit layered sulfides [Ln2S2]pNBS2 (Ln = lanthanides)
	C-9-O24-017	24-Sep	17:45	18:00	Yukari		KATSURA	RIKEN	Possibility of Tin Sulfides as New Class of Thermoelectric Materials
Chairperson: Ryoji Funahashi (AIST)									
Invited	C-9-125-001	25-Sep	10:30	11:00	Jeff		SNYDER	california Institute of Technology	Band Engineering for High Efficiency Thermoelectrics
	C-9-O25-002	25-Sep	11:00	11:15	Toshimichi		NAKAYAMA	Osaka University	Thermoelectric properties of nanostructured Gam+4/3SbTe2 bulk materials
Invited	C-9-125-003	25-Sep	11:15	11:45	Georg		MAIDSEN	ICAMS, Ruhr-Universitaet Bochum	Datamming High-Throughput DFT calculations in the search for new thermoelectric materials
	C-9-O25-004	25-Sep	11:45	12:00	Koun		SHIRAI	Osaka University	Theoretical Study on Thermoelectric Power of SrTiO3
Lunch			12:00	13:30					
Chairperson: Georg Madsen (Ruhr U.)									
Invited	C-9-125-005	25-Sep	13:30	14:00	Tsuyoshi		KAJITANI	Tohoku University	Structural complexity of high performance p-type magnesium silicide thermoelectrics
	C-9-O25-006	25-Sep	14:00	14:15	Ryoji		FUNAHASHI	National Institute of Advanced Industrial Science & Technology	Thermoelectric properties of Mn3Sb4Al3 alloy in Air
	C-9-O25-007	25-Sep	14:15	14:30	Akio		YAMAMOTO	Nagoya university	Improvement of the thermoelectric properties of Al-Mn-Si C54-phase by means of partial element substitution
	C-9-O25-008	25-Sep	14:30	14:45	Atsuo		KATAGIRI	Tokyo Institute of Technology	Preparation of highly Crystalline Mg2Si film by RF magnetron sputtering method
	C-9-O25-009	25-Sep	14:45	15:00	Kei		HAYASHI	Graduate School of Engineering, Tohoku University	Anisotropy in thermoelectric properties of MnSi film
Coffee Break			15:00	15:15					
Chairperson: Qiang Li (BNL)									
Invited	C-9-125-010	25-Sep	15:15	15:45	Shuichi		MURAKAMI	Tokyo Institute of Technology	Thermoelectric Transport of Helical States in Topological insulators
Invited	C-9-125-011	25-Sep	15:45	16:15	Kamran		BEHNIA	ESPCI	Angle-dependent magneto-Seebeck effect in bismuth
	C-9-O25-012	25-Sep	16:15	16:30	Wataru		KOBAYASHI	University of Tsukuba	Thermal Hall effects of bismuth and antimony
Chairperson: Michitaka Ohtaki (Kyushu U)									
	C-9-O25-013	25-Sep	16:30	16:45	Takahiro		YAMADA	Tohoku University	Synthesis, crystal structure, and thermoelectric properties of Na2MgSn
	C-9-O25-014	25-Sep	16:45	17:00	Satofumi		MARUYAMA	National Institute of Materials Science (NIMS)	Synthesis and thermoelectric properties of YAB14
	C-9-O25-015	25-Sep	17:00	17:15	Mai	Thanh	NGUYEN	Japan Advanced Institute of Science and Technology	One-pot Chemical Synthesis of ZnSb Alloy Nanoparticles towards High Performance Thermoelectric Applications
	C-9-O25-016	25-Sep	17:15	17:30	Takeshi		KOUTANI	Yokohama National University	Thermoelectric n-type Si-Ge synthesized by unidirectional solidification in microgravity
	C-9-O25-017	25-Sep	17:30	17:45	Wilfried		WUNDERLICH	Tokai University	NbNiSn guides to Heusler-alloys with large thermoelectric figure-of-merit
	C-9-O25-018	25-Sep	17:45	18:00	Yaw Wang		CHAI	Tokyo Institute of Technology	Lattice defects and Ni-rich nanosized precipitates in bulk TiNiSn half-Heusler thermoelectric alloys
Chairperson: Kunihito Koumoto (Nagoya U)									
Invited	C-9-126-001	26-Sep	13:30	14:00	Hanns-Ulrich		HABERMEIER	Max-Planck-Institut FKF	Complex Oxide Thin Films, Heterostructures and Superlattices for Thermoelectric Applications
	C-9-O26-002	26-Sep	14:00	14:15	Yuichi		NAKAMURA	Toyohashi University of Technology	Effect of simultaneous substitution for Ca and Co sites on the properties of Ca3Co4O9+d thermoelectric oxides
	C-9-O26-003	26-Sep	14:15	14:30	Hidetomo		USUI	The University of Electro-Communications	Large thermopower due to the cooperation of the spin fluctuations and the pudding mold type band in NaS_xSCO_5_25
	C-9-O26-004	26-Sep	14:30	14:45	Emmanuel		COMBE	National Institute of Advanced Industrial Science & Technology	Improvement of thermoelectric properties for tin substituted indium oxide by bulk process method
	C-9-O26-005	26-Sep	14:45	15:00	Robert		FREER	University of Manchester	Crystal Structure and High Temperature Thermoelectric Properties of Mo Doped Calcium Manganate
Coffee Break			15:00	15:15					
Chairperson: Ken Kurosaki (Osaka U)									
	C-9-O26-006	26-Sep	15:15	15:30	Masaki		ISOBE	National Institute for Materials Science	Thermoelectric Properties of the Novel Quasi-1D Cobalt Oxides (Ca,Na)Co2O4
	C-9-O26-007	26-Sep	15:30	15:45	Nam-Hee		PARK	Graduate School of Engineering, Nagoya University	Assembly of La-doped SrTiO3 Nanocubes for Thermoelectrics
	C-9-O26-008	26-Sep	15:45	16:00	Ichiro		TERASAKI	Nagoya University	Thermoelectric Properties of the Double-Perovskite Ruthenate Sr2-xLaxRuO6 (L=Y and Er)

Poster Session

Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: Middle name	Account: FAMILY NAME	Account: Affiliation	Abstract title
C-9-P25-001	25-Sep	18:00	20:00	Qun		WANG	Shanghai Institute of Ceramics, Chinese Academy of Sciences	Anisotropic thermoelectric properties for PAN/CNT composite fibers prepared by electrospinning
C-9-P25-002	25-Sep	18:00	20:00	Yuzuru		MIYAZAKI	Tohoku University	First-principles study and thermoelectric performance of Heusler alloys Fe2TiSi1-xSix
C-9-P25-003	25-Sep	18:00	20:00	Yuta		KIKUCHI	Tohoku University	Thermoelectric Properties of p-type MnSi (g = 1.7) Substituted by Transition Metal Elements Based on VEC Rule
C-9-P25-004	25-Sep	18:00	20:00	Yasushi		KONO	DENSO CORPORATION	First-Principles Study of Electronic Structures of double-doping Type-VIII Clathrate Ba8AlxGa16-xSn30
C-9-P25-005	25-Sep	18:00	20:00	Aikebaier		YUSUFU	Osaka University	Effect of Cu doping into the Ga site on the thermoelectric properties of AgGaTe2 with chalcopyrite structure
C-9-P25-006	25-Sep	18:00	20:00	Hiroharu		SUGAWARA	Tokyo Metropolitan University	Crystallization of Magnesium Silicide Droplets on Unheated Silicon Substrate by Pulsed Laser Deposition
C-9-P25-007	25-Sep	18:00	20:00	Naohito		TSUJII	National Institute for Materials Science	Thermoelectric Properties of a Narrow Gap Semiconductor FeS1-xGex near Ferromagnetic Instability
C-9-P25-008	25-Sep	18:00	20:00	Hiroaki		ANNO	Tokyo University of Science, Yamaguchi	Examination of Preparation Condition and Thermoelectric Properties of Polycrystalline Ba8Al16Sn30-Based Clathrate
C-9-P25-009	25-Sep	18:00	20:00	So		BABA	National Institute of Advanced Industrial Science and Technology	Fabrication and Characterization of BiSb2-xTe3 thick film on Polyethylene Terephthalate Substrates by Aerosol Deposition Technique
C-9-P25-010	25-Sep	18:00	20:00	Masahiro		HOKAZONO	Tokyo University of Science, Yamaguchi	Thermoelectric Properties and their Stability of (+/-)-10-Camphorsulfonic Acid Doped Polyaniline Films on Flexible Substrate
C-9-P25-011	25-Sep	18:00	20:00	Oksana		SOLOGUB	NIMS	Boron Rich Solids: Synthesis and Properties of YB2C2N with B/C Doping
C-9-P25-012	25-Sep	18:00	20:00	Tsunehiro		TAKEUCHI	Nagoya University	Improvement in thermoelectric performance of Fe2VAl-based Heusler alloys by using electronic structure analysis
C-9-P26-013	26-Sep	16:30	18:30	Yu-Chin		HSIEH	Nagoya University	Thermoelectric Power Generator Using Oxide Single Crystals
C-9-P26-014	26-Sep	16:30	18:30	Tommi	Paavo	TYNELL	Aalto University School of Chemical Technology	The Effect of Al and P Doping on the Thermoelectric Properties of ALD-Grown ZnO
C-9-P26-015	26-Sep	16:30	18:30	Ta-Lei		CHOU	Aalto University	Local structures of nano-integrated layered cobalt oxides
C-9-P26-016	26-Sep	16:30	18:30	Ayaka		HORIKAWA	Nagoya university	A Search for Photo-Seebeck Effect
C-9-P26-017	26-Sep	16:30	18:30	Shin		NISHIYAMA	Graduate School of Engineering, Chiba University	Thermoelectric Properties of Iron Added AgSbO3 Ceramics
C-9-P26-018	26-Sep	16:30	18:30	Kouta		MORI	The University of Electro-Communications	Large Seebeck effect due to peculiar band structures: CuAlO2 and PbSb2
C-9-P26-019	26-Sep	16:30	18:30	Janne-Petteri		NIEMELA	Aalto University	Thermoelectric TiO2 Thin Films Grown with Atomic Layer Deposition
C-9-P26-020	26-Sep	16:30	18:30	Hiroki		FUNASHIMA	Groups in Division of Materials Physics	Electronic structure and Thermoelectric Properties of (LaO)x(MCh)
C-9-P26-021	26-Sep	16:30	18:30	Takehito		SUZUKI	RIKEN Advanced Science Institute	Thermoelectric properties of Sr(Mn1-xMox)O3 single crystals with perovskite structure
C-9-P26-022	26-Sep	16:30	18:30	Kyeongssoon		PARK	Sejong University	Effect of Ti content on the thermoelectric properties of Ti-added SrMnO3
C-9-P26-023	26-Sep	16:30	18:30	PYSHAR		YI	RMIT	Thermal analysis of nanofluids in microfluidics using an infrared camera
C-9-P26-024	26-Sep	16:30	18:30	Zheng-Zhong		XIE	National Cheng Kung University	Preparation and thermoelectric properties of CuMnO2 sintered bodies