

国際会議出席発表

(★：招待講演、☆：□頭発表、△：short oral+poster、□：poster)

Year	海外で開催された国際会議及び、講演	国内で開催された国際会議
1993 (H5)	★MT-13(Victoria, Canada) (9.21-27) “Low Thermal Conductive Bi-2223 Tapes Sheathed with Ag-Au Alloys”	△ICT12 (Yokohama) (11.9-11) “Use of Bi2223 Superconducting Tapes Sheathed with Ag-Au Alloys for a Passive Thermolement”
1994 (H6)	□15th ICEC (Genova, Italy) (6.7-10) “Possibility of $Ag_2O+YBa_2Cu_3O_{7-x}$ ceramics for low temperature thermoelectric refrigeration”  □M2S (Grenoble, France) (7.7-11) “Thermal Conductivity of Bi-2212 Single Crystals Prepared by TSFZ Method” “Phonon Thermal Diffusivity and Conductivity of Oxygen Deficient $YBa_2Cu_3O_7$ ”	☆Jpn.-US workshop (Kyoto)
1995 (H7)		□Phonons'95 (Sapporo) “Thermal Conductivity and Diffusivity of $Nd_{2-x}Ce_xCuO_4$ ”
1996 (H8)	☆WTC'96 (Budapest, Hungary) (7.7-10) “Model analyses of thermal conductivity and purity of doped Ag in $Ag+YBa_2Cu_3O_7$ ”  □MOS'96 (Karlsruhe, Germany) (8.1-7) “Thermal conductivity and phonon scattering mechanisms in $La_{1-x}M_xCuO_4$ ”  □LT21 (Prague, Czech) (8.8-14) “Effect of Y-site and Ba-site Substitution on Thermal Properties of $YBa_2Cu_3O_{7-d}$ ” “Proposal of Three Terminal Method for Low Temperature Thermal Diffusivity Measurement”	
1997 (H9)	□ICM'97 (Cairns, Australia) (7.27-8.1) “Thermal conductivity and phonon scattering of $La_{1-x}Sr_xMnO_3$ ”	
1998 (H10)	□CIMTEC'98 (Florence, Italy) (6.18-28) “THERMAL CONDUCTIVITY OF T*-PHASE $(Nd_{1-x-y}Ce_xSr_y)_2CuO_4$ OXIDE SUPERCONDUCTORS” “ULTRASONIC AND PHONON THERMAL TRANSPORT STUDIES ON $YBa_2Cu_3O_{7-d}$ OXIDE SUPERCONDUCTORS”  ☆Phonons'98 (Lancaster, England) (7.26-31) “Two-level-like anomalous phonon scattering in $La_{1-x}Sr_xMnO_3$ and $La_{2-x}Sr_xCuO_4$ ”	
1999 (H11)	□MOS'99 (Stockholm, Sweden) (7.28-8.2) “Enhanced Phonon Scattering below $T_c$ Caused by Zn and Ni Substitution in $La_{1.85}Sr_{0.15}CuO_4$ ”  □LT22 (Helsinki, Finland) (8.4-11) Sound Velocity Anomaly Related to Charge Ordering in $La_{1-x}Ca_xMnO_3$ ”	□SCES'99 (Nagano) (8.24-27) First-order-like ferromagnetic transition in $(La_{1-y}Pr_y)_{1-x}(Ca_{1-z}Sr_z)_xMnO_3$ ( $X\sim 0.25$ )”

2000 (H12)		<p>☆JARCAT Workshop (Kyoto) (5.31) “Sound Velocity Anomalies Related to Charge Ordered Transition in <math>\text{La}_{1-x}\text{Ca}_x\text{MnO}_3</math> (<math>0 &lt; x &lt; 1</math>)”</p> <p>△LLD2k (Tsukuba) (7.23-26) “Heat Transport Anomalies around Ferromagnetic and Charge-order Transitions in <math>\text{La}_{1-x}\text{Ca}_x\text{MnO}_3</math>”</p> <p>□ISS2000 (Tokyo) (10.14) “Thermal contact resistance between high-<math>T_c</math> superconductor and copper”</p>	
2001 (H13)	<p>□Phonons2001 (Dartmouth, USA) (8.12-17) “Thermal diffusivity of <math>\text{La}_{1-x}\text{Ca}_x\text{MnO}_3</math> up to 1200 K”</p> <p>□MT-17 (Genova, Swiss) (9.24-27) “Thermal Conductivity, Thermal Diffusivity and Thermoelectric Power of Sm-Based Bulk Superconductors”</p>	<p>☆IMR workshop (Sendai) (5.22) “Charge/Orbital Order Fluctuation and Lattice Softening in <math>\text{La}_{1-x}\text{Ca}_x\text{MnO}_3</math>”</p> <p>△Orbital2001 (Sendai) (9.11-13) “Heat Transport Enhancement in Ferromagnetic Metallic Phase of <math>\text{La}_{1-x}\text{Ba}_x\text{MnO}_3</math>”</p>	
2002 (H14)	<p>□SCES'02 (Kraków, Poland) (7.8-15) “THERMAL TRANSPORT IN FERROMAGNETIC <math>\text{La}_{1-x}\text{AE}_x\text{MnO}_3</math> WITH LARGE DIVALENT IONS”</p> <p>★チェコ科学アカデミー講演(7.16)</p>	<p>□LT23 (Hiroshima) (August) “Co Site Substitution Effect on Thermoelectric Properties in <math>\text{Na}(\text{Co}_{1-x}\text{M}_x)_2\text{O}_4</math> (<math>\text{M}=\text{Ni}, \text{Fe}, \text{Mn}, \text{Cu}</math>)”</p> <p>□ISS2002 (Yokohama) “Thermal conductivity of YBaCuO bulk superconductors under applied field: effect of content and size of Y211 phase”</p>	
2003 (H15)	<p>文部科学省短期在外研究員 (チェコ科学アカデミー) (2003.7.26~9.26) □ICM'03 (Roma, Italy) (7.27-31) “Thermal conductivity and magnetism in <math>(\text{Ca}_{1-x}\text{Sr}_x)\text{MnO}_3</math>”</p> <p>☆ICT2003 (La Grande-Motte, France) (8.17-21) “Search for p-type Oxide Thermoelectrics – Cobaltites” “Enhanced Thermoelectric Properties at <math>X \sim 0.1</math> in <math>\text{La}_{1-x}\text{Sr}_x\text{CoO}_3</math> and <math>\text{La}_{1-x}\text{Sr}_x(\text{Co}_{1-y}\text{M}_y)\text{O}_3</math> (<math>\text{M}=\text{Cr}, \text{Cu}</math>)”</p>	<p>☆MT-18 (Morioka) (10.21) “Flux Motion Studies by means of Temperature Measurement in Magnetizing Processes for HTSC Bulks”</p> <p>☆ISS2003 (Tsukuba) (10.27) “Estimation of generated heat in pulse field magnetizing for SmBaCuO bulk superconductor”</p>	
2004 (H16)	<p>□ICT2004 (Adelaide, Australia) (7.24-31) “Influence of Co-site Substitution on Thermoelectric Properties in <math>\text{La}_{1-x}\text{Sr}_x\text{CoO}_3</math>” “Size Effect of A-site Cation on n-type Thermoelectric Properties in <math>\text{CaMnO}_3</math>-based System”</p> <p>□ASC2004 (Jacksonville, U.S.A) (10.2-11) “Effect of Metal Ring Setting outside HTSC Bulk Disk on Trapped Field and Temperature Rise in Pulse Field Magnetizing”</p>	<p>★ISS2004 (Niigata) (11.16) “Approach from temperature measurement to trapped field enhancement in HTSC bulks by pulse field magnetizing” “Database for thermal and mechanical properties of REBaCuO bulks”</p>	

2005 (H17)	<p>□SCES'05 (Wien, Austria) (7.28-31)  “Anomalous Sound Velocity Behavior of <math>\text{La}_{1-x}\text{Ca}_x\text{MnO}_3</math> (<math>X \sim 0.48</math>) in Applied Field”  “Thermal Conductivity Anomaly in <math>\text{La}_{0.52}\text{Ca}_{0.48}\text{MnO}_3</math> under Applied Field”</p> <p>□EUCAS2005 (Wien, Austria) (9.12-15)  “Trapped Field over 4 Tesla on GdBaCuO Bulk by Pulse Field Method and Magnetizing Mechanis</p> <p>□MT19 (Genova, Italy) (9.19-23)  “Low-Thermal-Conductive DyBaCuO Bulk Superconductor for Current Lead Application”</p> <p>★チェコ科学アカデミー講演(9.11)</p>	<p>☆PASREG (Tokyo University of Marine Science and Technology) (10.20)  “Thermal Conductivity and Thermoelectric Power of DyBaCuO Bulk Superconductor”</p> <p>☆ISS2005 (Tsukuba) (10.24-26)  “Higher trapped field over 5 Tesla on HTSC bulk by modified pulse field magnetizing”</p>	
2006 (H18)		<p>☆ISS2006 (Nagoya) (10.30-11.2)  “Importance of initial “M-shaped” trapped field profile in a two-stage pulse field magnetization (MMPSC) method”</p>	
2007 (H19)	<p>☆6<sup>th</sup> PASREG (Cambridge, England) (9.11-18)  “Possible Explanation for Trapped Field Enhancement on REBaCuO Bulk by Modified Multi-pulse Technique with Stepwise Cooling (MMPSC)”</p>	<p>□ISS2007 (Tsukuba) (11.5-7)  “Trapped field characteristics on <math>\phi</math> 65 mm GdBaCuO bulk by modified multi-pulse technique with stepwise cooling (MMPSC)”</p>	
2008 (H20)	<p>☆ASC2008 (Chicago, USA) (8.17-23)  “Pulsed Field Magnetization for GdBaCuO Bulk with Stronger Pinning Characteristics”</p>	<p>□ISS2008 (Tsukuba) (10.27-29)  “Enhancement of total trapped fluxes on <math>\phi</math>65 mm GdBaCuO bulk by multi-pulse techniques”</p>	
2009 (H21)	<p>□EUCAS2009 (Dresden, Germany) (9.12-20)  “Highly efficient magnetic separation using five-aligned superconducting bulk magnet”</p> <p>★チェコ科学アカデミー講演 (9.20)  “Recent research progresses of Cobaltites and Manganites in Iwate”</p>	<p>☆ISS2009 (Tsukuba) (11.1-3)  “Temperature measurements in small holes drilled in superconducting bulk during pulsed field magnetization”</p>	
2010 (H22)	<p>□ASC2010 (Washington DC, USA) (8.1-10)  “Analysis of Temperature and Magnetic Field Distribution in Superconducting Bulk during Pulsed Field Magnetization”</p>	<p>□ISS2010 (Tsukuba) (10.31-11.2)  “Simulation of flux dynamics in a superconducting bulk magnetized by multi-pulse”</p>	
2011 (H23)	<p>□EUCAS2011 (Den Hague, The Netherland) (9.17-25)  “Three-dimensional simulation of magnetic flux dynamics and temperature rise in HTSC bulk during pulsed field magnetization”</p> <p>★チェコ科学アカデミー講演 (9.17)</p>		
2012 (H24)	<p>☆ASC2012 (Portland, USA) (10.9-13)  “Numerical Simulation of Trapped Field and Temperature Rise in <math>\text{MgB}_2</math> Bulks Magnetized by Pulsed Field”</p> <p>★大連理工大講演(6.12-13)</p>	<p>□ICEC24-ICMC2012 (Fukuoka) (5.14-18)  “Trapped field and temperature rise in <math>\text{MgB}_2</math> bulks magnetized by pulsed field”</p>	

2013 (H25)	<p>□EUCAS2013 (Genova, Italy) (9.15-20) “Trapped magnetic field between double stacked MgB<sub>2</sub> bulks magnetized by pulsed field”</p> <p>★チェコ科学アカデミー講演(9.22) “Recent research progresses of Cobaltites and Manganites in Iwate”</p>	<p>☆ISS2013 (Tokyo) (11.19) “Trapped field and flux dynamics in MgB<sub>2</sub> superconducting bulks magnetized by pulsed field”</p>	
2014 (H26)	<p>☆ASC2014 (Charlotte, USA) (8.9-18) “Recent progress of MgB<sub>2</sub> bulk magnets magnetized by pulsed field”</p> <p>★サスカチュアン大講演 (12.1-3)</p>	<p>☆IU-MRS (Fukuoka) (8.28-31) “Characteristics and trapped field of REBaCuO and MgB<sub>2</sub> superconducting bulks”</p>	
2015 (H27)	<p>☆UK-Japan workshop (Cambridge, England) (4.11-19) “Magnetizing process and trapped field of REBaCuO and MgB<sub>2</sub> superconducting bulks”</p> <p>★PASREG2015 (Liege, Belgium) (9.1-5) “Pulsed field magnetization for (RE)BCO and MgB<sub>2</sub> superconducting bulks and their applications”</p> <p>□MT25 (Seoul, South Korea) (10.18-22) “Trapped field homogeneity in NMR superconducting bulk magnet by the insertion of high-J<sub>c</sub> HTS cylinder with various positions, lengths and shapes”</p>		
2016 (H28)	<p>☆ASC2016 (Denver, USA) (9.4-11) “Trapped Field Enhancement of a Thin, High-J<sub>c</sub> MgB<sub>2</sub> Bulk without Flux Jumps using Pulsed Field Magnetization with a Split-type Coil with a Soft Iron Yoke”</p>		
2017 (H29)	<p>□MT25 (Amsterdam, The Netherland) (8.26-9.2) “New proposal of mechanical reinforcement structures to annular REBaCuO bulk magnet for compact and cryogen-free NMR spectrometer”</p>	<p>★PASREG2017 (Tokyo) (12.11-12) “Mechanical Reinforcement of REBaCuO Bulk during Field-Cooled Magnetization -- Road to Achieve Trapped Field Higher than 20 Tesla --”</p>	
2018 (H30)	<p>★Cambridge 大での招待講演(4.11-13) “Recent research progresses in Iwate”</p> <p>☆ASC2018 (Seattle, USA) (10.28-11.2) “Influence of Inner Diameter and Height of Ring-shaped REBaCuO Bulks on Trapped Field and Mechanical Stress during Field-cooled Magnetization”</p>	<p>★ISS2018 (Tsukuba) (12.12-14) “Mechanical reinforcement of REBaCuO bulk during field-cooled magnetization to achieve higher trapped field without fracture”</p>	
2019 (R1)	<p>★PASREG2019 (Prague, Czech) (8.27-30) “A new mechanical reinforcement structure for REBaCuO bulks during field-cooled magnetization to achieve higher trapped fields without fracture”</p> <p>★EUCAS2019 (Glasgow, England) (9.1-5) “A Hybrid Trapped Field Magnet Lens (HTFML): concept and realization”</p>	<p>★ISS2019 (Kyoto) (12.3-5) “A Hybrid Trapped Field Magnet Lens (HTFML): concept and experimental realization”</p>	

2020 (R2)			
2021 (R3)	★PASREG (Shanghai, China: WEB) (11.11-13) “A Hybrid Trapped Field Magnet Lens (HTFML): concept and validation”		