

第6章 学会等の研究活動

1. 国際会議における発表状況

<合計 57件>

附属量子エネルギー材料科学国際研究センター

栗下 裕明

助教授

口頭(一般)	Eighth Japan-China Symposium on Materials for Advanced Energy Systems and Fission & Fusion Engineering Current Status of Fine-Grained, Nano-TiC Dispersed Tungsten Alloy Development by Mechanical Alloying Japan Sendai 2004 10 4 - 2004 10 8
口頭(一般)	6th Workshop on the Materials Technology for Spallation Neutron Source Current Status of Fine-Grained Tungsten Alloy Development for Ductility Improvement Japan Tsukuba 2005 1 27 - 2005 1 28

佐藤 伊佐務

助教授

ポスター(一般)	The International Conference on Strongly Correlated Electron Systems Pressure -induced quantum critical point in the heavy fermion compound CeAl ₂ Germany Karlsruhe 2004 7 26 - 2004 7 30
ポスター(一般)	Rare Earths '04 in Nara JAPAN Single-crystal growth of layered Ce-Ni-Ge ternary compounds Japan Nara 2004 11 8 - 2004 11 9

小無 健司

助教授

ポスター(一般)	TOFA 2004 - Discussion Meeting on Thermodynamics of Alloys Plane-Wave Pseudopotential Calculation of Point Defects in PuO _{2-x} Austria Vienna 2004 9 12 - 2004 9 17
口頭(招待)	3rd Japan-China Symposium on Materials and Molecular Design Thermodynamical Analysis of Irradiation Behavior of Hydride Nuclear Japan Tokyo 2004 10 24 - 2004 10 26

附属新素材設計開発施設

浅見 勝彦

教授

口頭(一般)	12th International Conference on Solid Surfaces Angle-Resolved XPS Study of Ni-P Surface Italy Venice 2004 6 28 - 2004 7 2
口頭(一般)	Ninth International Conference on Plasma Surface Engineering CaTiO ₃ Films Sputter-Deposited under Simultaneous Ti-Ion Implantation on Ti-Substrate Germanay Garmisch-Partenkirch 2004 9 13 - 2004 9 17
口頭(招待・特別)	International Conference on New Frontiers of Process Science and Engineering in Advanced Materials Recent Development of Highly Corrosion Resistant Amorphous Alloys Japan Kyoto 2004 11 24 - 2004 11 26

張 偉

助教授

ポスター(一般)	11th International Symposium on Metastable, Mechanically Alloyed and Nanocrystalline Materials Thermal Stability and Magnetic Properties of (Fe,Co)-RE-B Bulk Glassy Alloys Japan Sendai 2004 8 22 - 2004 8 26
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Sluiter Marcel

助教授

口頭(一般)	Kyoto Joint Symposium on Materials Science and Engineering for the 21th Century First Principles Calculation of Hyperfine Parameters for Si Structure in Presence of Defects Japan Kyoto 2004 8 18 - 2004 8 20
口頭(一般)	The 2nd International Symposium on Nanomanufacturing ISNM2004 Ultimate ab initio Study to Predict New Materials in Nanoscale Korea Daejeon 2004 11 3 - 2004 11 5
口頭(一般)	International Workshop on Novel Quantum Phenomena in Transition Metal Oxides Large Scale Computer Simulation Environment on Distributed Supercomputers Connected by Nano Technology Research Network with ITBLSysytems Japan Sendai 2004 11 22 - 2004 11 24

矢戸 統悦

助教授

ポスター(一般)	International Symposium on Inorganic and Environmental Materials Crystal growth of a new aluminum sodium boride AlNaB_{14} and some properties Netherlands Eindhoven 2004 10 18 - 2004 10 21
ポスター(一般)	International Symposium on Inorganic and Environmental Materials Mechanochemically assisted preparation of NbB_2 powder Netherlands Eindhoven 2004 10 18 - 2004 10 21
ポスター(一般)	Rare Earths 04 in Nara Hardness and oxidation resistance of the perovskite-type solid solution of $\text{RRh}_3\text{BxC}_{1-x}$ ($\text{R}=\text{Y}, \text{Sc}$) Japan Nara 2004 11 7 - 2004 11 12
ポスター(一般)	Rare Earths 04 in Nara R dependence of electronic structure in Perovskite type structure, RBRh_3 ($\text{R}=\text{Sc}, \text{Y}$ and La) Japan Nara 2004 11 7 - 2004 11 12
ポスター(一般)	Rare Earths 04 in Nara Solid solution range of boron and hardness in perovskite-type rare earth rhodium borides and their hardness Japan Nara 2004 11 7 - 2004 11 12
ポスター(一般)	Rare Earths 04 in Nara Properties of REAlB_4 and Lu_2AlB_6 crystals grown from RE-Al-B ($\text{RE}=\text{Tm}, \text{Yb}, \text{Lu}$) melts Japan Nara 2004 11 7 - 2004 11 12

山浦 真一

助手

口頭(一般)	The 1st Symposium on Advanced Metallic Materials - IMR(Tohoku Univ.), INHA Univ. and RIST - Hydrogen Permeation Characteristics and Structural Features of Melt-Spun Ni-Nb-Zr Amorphous Alloy Membranes Korea Seoul 2004 4 7 - 2004 4 8
口頭(一般)	15th World Hydrogen Energy Conference Hydrogen Permeation Characteristics and Structural Features of Melt-Spun Ni-Nb-Zr Amorphous Alloy Membranes Japan Yokohama 2004 6 27 - 2004 7 2

口頭(一般)	11th International Symposium on Metastable, Mechanically Alloyed and Nanocrystalline Materials (ISMANAM 2004) Hydrogen Permeation Characteristics and Structural Features of Melt-Spun Ni-Nb-Zr Amorphous Alloy Membranes Japan Sendai 2004 8 22 - 2004 8 26
水関 博志	助手
口頭(一般)	The European Materials Research Society'04 (E-MRS) Theoretical Study on Junction of Metal Porphyrin Oligomer for Molecular Nanoelectronics France Strasbourg 2004 5 24 - 2004 5 29
口頭(一般)	The European Materials Research Society'04 (E-MRS) Genetic Algorithm Approach for Nanoscale Conducting Wires France Strasbourg 2004 5 24 - 2004 5 29
口頭(一般)	The European Materials Research Society'04 (E-MRS) Theoretical Approach for Supramolecular Devices based on Phthalocyanine Dimer France Strasbourg 2004 5 24 - 2004 5 29
口頭(招待・特別)	The 3rd International Conference on Computational Modeling and Simulation of Materials (CIMTEC) Advanced Ab Initio Simulations Applied to Nanotechnology Italy Acireale 2004 5 30 - 2004 6 4
口頭(一般)	The Second Conference of the Asian Consortium for Computational Materials Science (ACCMS-2) Ultra-fast Designing of Functional Materials for Molecular Devices by First Principles and Genetic Algorithm Approaches Russia Novosibirsk 2004 7 14 - 2004 7 16
口頭(一般)	International Conference on Solid State Devices and Materials (SSDM2004) Genetic Algorithm Approach to Functional Molecules for Nanoscale Devices Japan Tokyo 2004 9 15 - 2004 9 17
口頭(一般)	Transport Phenomena in Micro and Nanodevices Theoretical Approach for Transport Properties of Molecular Electronics based on Binuclear Phthalocyanine USA Hawaii 2004 10 17 - 2004 10 21
口頭(一般)	1st Conference on Advanced Nanotechnology: Research, Applications, and Policy Evolutionary Approach to Functional Oligomers for Nanoscale Devices USA Washington,DC 2004 10 22 - 2004 10 24

口頭(招待・特別)	2nd International Symposium on Combinatorial Computational Chemistry Combinatorial Approach on Organic Molecules for Nanoscale Devices Japan Sendai 2004 11 20 - 2004 11 24
口頭(招待・特別)	MRS Fall 2004 Quantum Mechanical Computations to be able to Predict New Materials in Nanotechnology USA Boston 2004 11 29 - 2004 12 3
口頭(一般)	6th International Conference on Nano-Molecular Electronics (ICNME 2004) Electronic Structure and Transport Properties of Molecular Electronics based on Binuclear Phthalocyanine Japan Kobe 2004 12 15 - 2004 12 17
口頭(一般)	7th Engineering Foundation Conference on Molecular-Scale Electronics Theoretical Approach for Transport Properties of Porphyrin and Phthalocyanine Oligomers USA SanDiego 2005 1 23 - 2005 1 26

大津 直史 技術職員

ポスター(一般)	International Conference on New Frontiers of Process Science and Engineering in Advanced Materials Effect of Annealing Treatment on CaTiO ₃ Thin Films Deposited with Ion-beam Assisted Deposition (IBAD) Japan Kyoto 2004 11 24 - 2004 11 26
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佐藤 賢治 大学院学生

ポスター(一般)	International Conference on New Frontiers of Process Science and Engineering in Advanced Materials Bone Conductivity Improvement of CaTiO ₃ -Coated Titanium Japan Kyoto 2004 11 24 - 2004 11 26
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附属強磁場超伝導材料研究センター

渡辺 和雄 教授

口頭(一般)	20th International Cryogenic Engineering Conference Cryogen-Free Superconducting Magnet Fabricated by a React and Wind Method Employing Nb ₃ Sn Wires with CuNbTi Reinforcement China Beijing 2004 5 11 - 2004 5 14
口頭(一般)	Applied Superconductivity Conference 2004 Large T _c , B _{c2} and I _c Enhancement Effect Due to the Prebending Treatment for Bronze Route Nb ₃ Sn Wires USA Jacksonville 2004 10 3 - 2004 10 8

口頭(招待・特別)	International Workshop on the Latest Developments in Magnet Technology for Nano and Bio Science Opportunities, 2004 Progress and Challenges in Cryogen-Free Hybrid Magnets Korea Seoul 2004 11 18 - 2004 11 19
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小山 佳一 助教授

ポスター(一般)	The international conference on rare earths Magnetic and structural properties of SmMn ₂ Ge ₂ Japan Nara 2004 11 7 - 2004 11 12
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口頭(招待・特別)	The second international symposium on intelligent artifacts and bio-systems High field x-ray diffraction studies of New high performance magnetic materials France Lyon 2005 1 27 - 2005 1 28
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淡路 智 助教授

口頭(一般)	Applied Superconductivity Conference 2004 Mechanism of a high irreversibility field for (Nd, Eu, Gd)Ba ₂ DRCu ₃ DRO ₇ DR bulk USA Jacksonville 2004 10 3 - 2004 10 9
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口頭(招待・特別)	International Workshop on Coated Conductor for Applications (CCA2004) Superconducting Properties of YBCO Films Prepared by the in-field CVD Japan Oiso 2004 11 18 - 2004 11 20
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口頭(招待・特別)	Korea-Japan Seminar on ``Large scale application of superconductivity science and technology'' Flux Pinning and Vortex State in R123 Superconductors and Application to Coated Conductors Japan Miyazaki 2004 12 10 - 2004 12 12
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西島 元 助手

ポスター(一般)	Applied Superconductivity Conference Superconducting property and thermal stability of high-strength Nb ₃ Sn wire with Ta-reinforced filaments USA Jacksonville,FL 2004 10 3 - 2004 10 8
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口頭(一般)	Asian Conference on Applied Superconductivity Development of Large Bore and High Field Cryocooled Superconducting Magnets Japan Miyazaki 2004 12 13 - 2004 12 14
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岡田 宏成 院生

ポスター(一般)	The international conference on rare earths Magnetic Properties of $\text{Ce}(\text{Fe}_{1-x}\text{Co}_x)_2$ under High Pressure
	Japan Nara 2004 11 7 - 2004 11 12

附属材料科学国際フロンティアセンター

福山 秀敏 教授

口頭(招待・特別)	2nd Asia-Pacific Physics Workshop –Frontier in Condensed Matter Physics– Metal Insulator Transition in Molecular Solid
	Hong Kong Hong Kong 2004 6 21 - 2004 6 24
口頭(招待・特別)	Japan-France Colloquim –Quantum Complex Systems– Recent Developments and Issues in the Studies of Molecular Solids
	France Grenoble 2004 7 21 - 2004 7 24
口頭(招待・特別)	8th Japanese-German Symposium on Competing Phases in Novel Condensed Matter Systems Molecular Solids as a Showcase of Strongly Correlated Systems
	Germany Lauterbad 2004 8 1 - 2004 8 5
Symp. or Workshop or Panel (指名)	UCSB/IMR Joint Workshop IFCAM: A Think-Tank of Material Science
	Japan Sendai 2004 9 7 -
口頭(基調講演)	International CREST Workshop Contact Problem – Toward Molecular Devices
	Japan Sapporo 2004 10 8 - 2004 10 9
口頭(招待・特別)	9th Asia Pacific Physics Conference Molecular Solids: Frontiers in Condensed Matter Physics
	Vietnam Hanoi 2004 10 25 - 2004 10 31
口頭(招待・特別)	Frontiers in Chemical Physics of Solids, MPI-CPFS Electronic Properties of Molecular Solids
	Germany Dresden 2004 11 4 - 2004 11 5
口頭(招待・特別)	Physics Colloquium, Leiden University Electronic Properties of Molecular Solids – A Showcase of Strong Correlations
	Netherlands Leiden 2004 11 5 -

口頭(招待・特別)	International Workshop on Materials Science and Nano-Engineering Strong Correlations in Molecular Conductors
	Japan Osaka 2004 12 11 - 2004 12 14
口頭(基調講演)	3rd International Symposium on Physics of Organic and Inorganic Superconducting Materials Molecular Conductors: A Showcase of Strong Correlations
	Japan Sagamihara 2005 2 4 - 2005 2 5