Poster Session

Dec.9　　13:00-14:00　　Yokohama Media & Communications Center 6F

Entry No	Presentation	Presenter_J (Family)	Presenter_J (First)	Presenter_E (Family)	Presenter_E (First)	Affiliation	Paper Title(J)	Paper Title(E)
10124	R-P9-001	江口	大貴	EGUCHI	Daiki	Ibaraki University	Cu微細配線におけるFe(ClO)化合物のピン止め効果	Pinning Effect of Fe(ClO) Compounds on Cu Grain Growth in Very Narrow Cu Wires : Ab Initio Calculation and Cs-corrected STEM Observation
10232	R-P9-002	田中	謙	TANAKA	Ken	Graduate School of Engineering, Osaka Prefecture University	アルミニウムΣ5(310)[001]粒界におけるCu, Fe, Mg, Mn, Si, Zrの粒界偏析の第一原理計算	Segregation of Cu, Fe, Mg, Mn, Si and Zr at Σ 5(310)[001] Grain Boundary in Aluminum from First-Principles Calculations
10251	R-P9-003	小畑	修二	OBATA	Shuji	School of Science and Engineering, Tokyo Denki University	ナノ構造Fe磁化のシミュレーションと理論解析	Simulations of Nanostructured Fe Magnetizations and Theoretical Analyses
10264	R-P9-004	小谷野	淳史	KOYANO	Atsushi	Osaka Prefecture University	アルミニウムのfcc, bcc, hcp構造に関するlattice stabilityの第一原理計算	Lattice Stabilities of fcc, bcc and hcp Al from First-Principles Calculations
10295	R-P9-005	フィッシャー	クレイグ	FISHER	Craig	Nanostructures Research Laboratory, Japan Fine Ceramics Center	分子動力学法によるガーネット型$Li_7Ln_3Zr_2O_{12}$中のLiイオン伝導性	Molecular Dynamics Simulations of Lithium-Ion Conductivity in $Li_7Ln_3Zr_2O_{12}$ Garnets
10588	R-P9-006	フィッシャー	クレイグ	FISHER	Craig	Nanostructures Research Laboratory, Japan Fine Ceramics Center	第一原理計算によるアナターゼTiO_2薄膜中の90o回転ドメイン境界	First-Principles Calculations of 90o Rotation Domain Boundaries in Anatase TiO_2
10428	R-P9-007	目黒	和音	MEGURO	Kazune	Graduate School of Faculty of Science and Engineering, University of Waseda	Sr_2SnO_4におけるEuの固溶メカニズム	Substitution Mechanism of Eu ions in Sr_2SnO_4
10437	R-P9-008	森	健太郎	MORI	Kentaro	Graduate School of Fundamental Science and Engineering, Waseda University	XANESによる$CaTiO_3$中におけるMnの局所構造解析	Local Environment Analysis of Mn Ions in $CaTiO_3$ by X-ray Absorption Near Edge Structure
10697	R-P9-009			Bae	Soungmin	Faculty of Engineering Science, Yokohama National University		The Prediction of Defect-induced Polaronic Hole States in Wide Gap Semiconductors
10725	R-P9-010	佐藤	幸生	SATO	Yukio	Institute of Engineering Innovation, The University of Tokyo	酸化亜鉛[0001]対称傾角粒界の原子スケール構造解析	Atomic-scale Investigation of Zinc Oxide [0001] Symmetric Tilt Grain Boundaries
10739	R-P9-011	加藤	向平	KATO	Kohei	School of Engineering, The University of Tokyo	アルミナ単一粒界における電気伝導性の探索	Tailoring Electrical Conductivity along an Alumina Single Grain Boundary
10754	R-P9-012	藤村	卓功	FUJIMURA	Takayoshi	The Institute of Scientific and Industrial Research, Osaka University/Graduate School of Science, Osaka University	シリコン結晶中の点欠陥銅不純物の第一原理計算	First-Principles Calculations of Copper Impurity Point Defects in Silicon

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10757	R-P9-013	岡部	雅史	OKABE	Masashi	Graduate School of Natural Science and Technology, Kanazawa University	パーライトにおける界面構造の積層間隔依存性	Lamellar Spacing Dependence of Interface Structures in Pearlitic Steel
10767	R-P9-014	北田	荘也	KITADA	Soya	Graduate School of Natural Science & Technology, Kanazawa University	原子シミュレーションによるナノサイズフランクリード源の臨界せん断応力に関する研究	Critical Shear Stress of Nanosized Frank-Read Sources in Atomic Simulations
10772	R-P9-015	宮木	智也	MIYAKI	Tomoya	Graduate School of Natural Science & Technology, Kanazawa University, Kanazawa, Ishikawa, Japan	粒界転位源を有するナノ構造金属における塑性変形メカニズム	Unique Plastic Deformation Mechanism in Nanostructured Metals with Grain Boundary Dislocation Sources
10783	R-P9-016	吉矢	真人	YOSHIYA	Masato	Department of Adaptive Machine Systems, Osaka University/Nanostructures Research Laboratory, Japan Fine Ceramics Center	Magneli相Ti_nO_{2n-1}の熱電特性の起源	Possible Origins of Remarkable Thermoelectric Properties of Magneli Phase Ti_nO_{2n-1}