

Tuesday, September 30 13:15 – 14:30 POSTER SESSION 2

- P2-1 K. Sato, T. Fukushima and H. Katayama-Yoshida
“Design of Dilute Magnetic Semiconductors with Room Temperature Ferromagnetism by Controlling Spinodal Decomposition”
- P2-2 K. Oka, T. Yanagida, K. Nagashima, H. Tanaka, S. Seki, Y. Honsho, M. Ishimaru, A. Hirata and T. Kawai
“Surface Effect on Transport Properties of In-situ Formed MgO/NiO Heterostructured Nanowires”
- P2-3 S. Yamanaka, H. Tanaka and T. Kawai
“Fabrication of epitaxial NiO / Fe_{2.5}Mn_{0.5}O₄ nano hetero junction diode structure in large area by Nanoimprint lithography with Mo lift-off technique”
- P2-4 H. Kizaki, M. Toyoda, K. Sato and H. Katayama-Yoshida
“First-principles Self-Interaction-Corrected LDA Calculations on Electronic Structure of (Ti, Co)O₂”
- P2-5 K. Goto, H. Tanaka and T. Kawai
“Fabrication of Epitaxial (Fe,Mn)₃O₄ Artificial Nanowire Structures using Atomic Force Microscope Lithography”
- P2-6 V. A. Dinh, K. Sato and H. Katayama-Yoshida
“Origin of minority spin gap and lattice parameter effect in half-heusler ferromagnets”
- P2-7 M. Takahashi, Y. Hiromura, S. Emura, T. Nakamura, Y.K. Zhou, S. Hasegawa and H. Asahi
“SX-MCD and XAFS Analysis on GaGdN”
- P2-8 T. Asai, H. Takashima, H. Fujiwara, K. Sasaki, S. Takeuchi
“Optical Phase Shift Observed in a Resonance Mode of a Tapered-Fiber Coupled with a Microsphere Resonator”
- P2-9 M. Tanida, T. Nagata, R. Okamoto, K. Sasaki and S. Takeuchi
“Hong-Ou-Mandel Dip with Independent Heralding Single Photon Sources”
- P2-10 A. Suzuki, M. Fujiwara, T. Oku
“High / Low Spin (HS/LS) Phase Transitions of Spin-Crossover Complex in Emulsion Polymerization of Trifluoroethylmethacrylate (TFEMA) using PVA as a Protective Colloid: A Density Functional Theory Study”
- P2-11 M. Negoro, A. Kagawa, K. Takeda and M. Kitagawa
“A Magnetic Field Cycling System for Solid State NMR Quantum Computing with Hyperpolarization Attained by Dynamic Nuclear Polarization using Triplet Electron Spins”
- P2-12 H. Fujii, T. Fukushima, K. Sato and H. Katayama-Yoshida
“Design of High Solubility of Magnetic Impurities for Semiconductor Spintronics by co-doping Method”
- P2-13 Y. Honda, M. Sotani, S. Hasegawa and H. Asahi
“Growth and characterization of Fe nanostructures on GaN”
- P2-14 H. Kameoka, S. Emura, H. Tambo, Y.K. Zhou, S. Hasegawa and H. Asahi
“Gd concentration dependence of local structures around Gd atoms in GaGdN nanorod”
- P2-15 Y. Moro, H. Katayanagi, S. Kimura, D. Shigeoka, T. Hiroki, T. Mashino, Y. Ichiyanagi
“Magnetic Properties and Size Control of Mn-Zn Ferrite Nanoparticles by Ar Flow and Their XANES Spectra”
- P2-16 H. Fujii, K. Sato, H. Katayama-Yoshida
“Control of Spinodal Decomposition in (Ga, Mn)As for Semiconductor Spintronics by the Interstitial Impurity Co-doping Method”
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P2-17	D. Aratsu “On Entanglement Distillation and Duality between Positive Matrices and Positive Linear Maps”
P2-18	K. Imai, H. Suto, S. Fujii, S. Honda and M. Katayama “Surface Structure of Mn Silicide Film Epitaxially Grown on Si(111)”
P2-19	T. Tashima, S. K. Ozdemir, T. Yamamoto, M. Koashi, N. Imoto “Local expansion of photonic W state using a polarization dependent beamsplitter”
P2-20	R. Mitani, S. K. Özdemir, T. Yamamoto, M. Koashi and N. Imoto “Preparation of Squeezed Superposition States by Conditioning with Homodyne Detection”
P2-21	K. Takaomi, Y. Ohno, K. Maehashi, K. Inoue, K. Matsumoto “Fabrication of CNT-FETs on sapphire substrate”
P2-22	N. F. Fahim and T. Sekino “Biomimetic Hydroxyapatite Formation on Silica-loaded Anodic TiO ₂ Nanotubes”
P2-23	H. Yoshida, S. Takeda, T. Uchiyama, H. Kohno and Y. Homma “Atomic-scale <i>In-situ</i> Observation of Nucleation and Growth of Carbon Nanotubes from Iron Carbide Nanoparticles”
P2-24	R. Hiruta, H. Kuribayashi, R. Shimizu, K. Sudoh and H. Iwasaki “Formation of Silicon on Nanoring Structures by Hydrogen Annealing of the Hole Array on Si (100)”
P2-25	R. Nakamura, H. Nakajima “Formation of Hollow and Porous Oxides through Oxidation of Metallic Nanoparticles”
P2-26	K. Taniguchi, R. Nakamura and H. Nakajima “Formation of Hollow Structure through Heat Treatment of Core-Shell Type Metal Nanoparticles”
P2-27	J. Yang, T. Kondoh, K. Norizawa, Y. Yoshida “Femtosecond Pulse Radiolysis for Study of Nanofabrication Process”
P2-28	A. Nakanishi “First principle study of a Ni-based superconductor: BaNi ₂ As ₂ ”
P2-29	K. Kan, J. Yang, T. Kondoh, K. Norizawa, Y. Yoshida “Study of Electron-induced Ultrafast Phenomena in GaAs for Femtosecond Electron Measurement”
P2-30	T. Kondoh, J. Yang, K. Kan, Y. Yoshida, K. Norizawa, H. Shibata, M. Taguchi, S. Kurashima, T. Kojima and K. Hirota “Development of Heavy Ion Beam Pulse Radiolysis in a Single Ion Nano-Track”
P2-31	R. Motoyoshi, A. Suzuki, T. Oku, K. Kikuchi “Fabrication and Characterization of TiO ₂ /CuInS ₂ Solar Cells by Spin-Coating Method”
P2-32	A. Hirai, I. Yi, Y. Sugimoto, M. Abe and S. Morita “Observation of the metal oxide surface by scanning probe microscopy”
P2-33	D. Yamamoto, M. Ishimaru “Molecular Dynamics Study on Solid Phase Epitaxy of Si _{1-x} Ge _x alloys”
P2-34	Y. Okabayashi, K. Yoshihara, K. Ishida, W. a Wongwiriyapan, S. Inoue, Y. Nishimoto, S. Honda, Y. Kuwahara, K. Oura and M. Katayama “Elucidation of Adsorption and Desorption Pathways of Atomic Hydrogen on Single-Walled Carbon Nanotubes”

- P2-35 K. Nunoya, Y. Tanaka, H. Suto, S. Fujii, S. Honda and M. Katayama
“Horizontally Aligned Growth of Single-Walled Carbon Nanotubes on Single-Crystal Quartz Substrates”
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- P2-36 D. Sawada, Y. Sugimoto, M. Abe and S. Morita
“NC-AFM/STM measurements on the Ge(111)-c(2×8) Surface”
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- P2-37 A. Uozumi, I. Hamada, A. Yanase, Y. Morikawa and H. Katayama-Yoshida
“Elucidation of self-regenerative function of intelligent catalyst by ab-initio thermodynamics calculation”
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- P2-38 S. Iwasaki, Y. Ohno, K. Maehashi, K. Matsumoto
“Fabrication of the Catalyst Nanoparticle Arrays for Carbon Nanotube growth”
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- P2-39 M. Nagayasu, Y. Seino, S. Morita
“Distinction of intermixed ionic atoms on insulating surface of (Ca,Sr)F₂”
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- P2-40 E. Yamamoto, M. Takada and H. Tada
“Scanning Tunneling Microscopy of Fluorinated Phthalocyanine Molecules with A Magnetic Metal Tip”
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- P2-41 H. Dekura, K. Shirai and A. Yanase
“Imperfection of α -B”
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- P2-42 M. Kojo and K. Hirose
“First-Principles Path-Integral Renormalization Group Method for Multicomponent Systems”
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- P2-43 H. Katayanagi, Y. Moro, S. Kimura, D. Shigeoka, T. Hiroki, T. Mashino, Y. Ichiyanagi
“Preparation and Functionalization of CoFe₂O₄ Nanoparticles”
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- P2-44 T. Yanagida, K. Nagashima, K. Oka, Y. Tsukahara, T. Yamauchi, H. Tanaka and T. Kawai
“Oxide Nanowire VLS Growth using Organic-treated Au Nanoparticle”
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- P2-45 T. Yanagida, A. Marcu, H. Matsui, K. Nagashima, K. Oka, K. Yokota, M. Taniguchi, H. Tanaka and T. Kawai
“Enhancement of Oxide VLS Growth by Carbon on Substrate Surface”
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- P2-46 J. Ishisada, K. Shirai and A. Yanase
“Molecular Dynamic Study of Single Lattice Vacancy in Si”
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- P2-47 N. Nakae and K. Shirai
“Electronic structure and pressure-induce transformation of graphite”
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- P2-48 S. Takao, H. Kohno, T. Eguchi, H. Yata, K. Shoda, S. Ichikawa, S. Takeda
“SiC Particles Covered with Projections Grown at the Tips of Nanowires”
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- P2-49 I. Hamada and Y. Morikawa
“Density-functional theoretical study of hydrogen on Pt(111) in an electrochemical environment”
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- P2-50 H. Kizaki, K. Kusakabe, S. Nogami and H. Katayama-Yoshida
“Generation of Nano-Catalyst Particles by Spinodal Nano-Decomposition in Perovskite”
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- P2-51 K. Sudoh, H. Iwasaki, R. Hiruta, H. Kuribayashi and R. Shimizu
“Shape Equilibration of Voids in Si Substrates”
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