

## Poster Session II

No	Title	Authors
P2	Photoemission electron microscope (PEEM) for insulating samples	<b>T. Ohkochi</b> , M. Kotsugi, M. Oura, K. Yamada, T. Ono, T. Kinoshita, Y. Watanabe
P4	Thermal Behavior of Magnetic Domain Structure in 3% Si-Fe(110) by XMCDPEEM	<b>T. Yasue</b> , K. Iwata, M. Suzuki, M. Hashimoto, M. Ueda, Y. Matuoka, M. Kotsugi, T. Kinoshita, Y. Watanabe, K. Tanaka, T. Koshikawa
P6	Application of Soft-X-ray PEEM to the Real-time Observation on Organic Thin Films	<b>Y. Baba</b> , T. Sekiguchi, I. Shimoyama, N. Hirao
P8	Assignment of 3D spin axes of antiferromagnetic domains and domain walls of NiO: Combined study of MLD-PEEM and cluster model calculation	<b>K. Arai</b> , T. Okuda, A. Tanaka, M. Kotsugi, K. Fukumoto, T. Ohkouchi, T. Nakamura, T. Matsushita, T. Muro, M. Oura, Y. Senba, H. Ohashi, A. Kakizaki, T. Kinoshita
P10	Development of an electron microscope using wide acceptance angle electron lens	<b>T. Matsushita</b> , H. Matsuda, L. Toth, K. Goto, M. Hashimoto, H. Nojiri, C. Sakai, F. Matsui, H. Daimon
P12	Development of linear and circular multilayer Laue lenses	T. Koyama, T. Tsuji, S. Konishi, H. Takano, <b>Y. Kagoshima</b> , S. Ichimaru, T. Ohchi, H. Takenaka
P14	Orbital angular momentum analysis of 1T-TaS <sub>2</sub> valence band electron by circularly-polarized-light photoelectron diffraction	<b>K. Goto</b> , F. Matsui, T. Matsumoto, M. Hashimoto, N. Nishikayama, H. Matsui, N. Maejima, T. Matsushita, Y. Kato, H. Daimon
P16	Atomic structure analysis of silicon oxynitride thin film on 6H-SiC(0001) by two-dimensional photoelectron diffraction	<b>N. Maejima</b> , F. Matsui, K. Goto, N. Nishikayama, H. Matsui, M. Hashimoto, T. Matsushita, Y. Kato, S. Tanaka, H. Daimon
P18	The lateral inhomogeneity of unoccupied states for PbPc and CuPc films	<b>R. Yamamoto</b> , J. Furusawa, T. Yamada, T. Munakata
P20	Solid state reaction between 2BaCO <sub>3</sub> and TiO <sub>2</sub> .	<b>K. Tsuzuku</b> , Y. Ikemoto
P22	The Chemical State Analysis of Si-doped CNTs on SiC by Hard X-ray Photoelectron Spectroscopy	M. Machida, <b>J. Son</b> , H. Oji, T. Maruyama, W. Norimatsu, M. Kusunoki, Y. Watanabe
P24	Observation of Dopant Diffusion across a <i>p</i> -InP/ <i>i</i> -MQW Interface using Secondary Electron Spectra and Scanning Electron Microscopy	<b>D. Tsurumi</b> , K. Hamada, Y. Kawasaki
P26	Evaluation of microstructure of HAp with functional elements	<b>M. Sato</b> , Y. Nishio, T. Nagayasu, A. Nakahira
P28	Real time observation of local magnetic structure by high brightness and highly spin-polarized low energy electron microscopy	<b>M. Suzuki</b> , M. Hashimoto, T. Yasue, T. Koshikawa, Y. Nakagawa, T. Konomi, A. Mano, N. Yamamoto, M. Kuwahara, M. Yamamoto, S. Okumi, X. Jin, T. Nakanishi, T. Ujihara, Y. Takeda, T. Kohashi, T. Ohshima, T. Saka, T. Kato, H. Horinaka
P30	Cathodoluminescence Induced by Surface Plasmon Polaritons in 2-Dimensional Plasmonic Crystals	<b>K. Takeuchi</b> , N. Yamamoto
P34	Modulated Detection of Near Field Signals by Infrared Spectrometer with a Ceramic Light Source	<b>M. Ishikawa</b> , M. Katsura, S. Nakashima, K. Aizawa, T. Inoue, Y. Ikemoto, H. Okamura

No	Title	Authors
P36	Correlation Between Adsorbed Structures and Image Potential States of Naphthalene Overlayers on HOPG	<b>T. Yamada</b> , M. Isobe, Y. Takano, M. Shibuta, K. Miyakubo, T. Munakata
P38	Development of Synchrotron Radiation Microdiffraction System for Nanometer-scale Strain Characterization	<b>S. Kimura</b> , Y. Imai
P40	Fermi level at epitaxial GaAs(111)A surface dominated by missing Ga induced surface states	<b>K. Kanisawa</b> , K. Muraki
P42	Band-Edge Structure Induced by Ferromagnetic Spin Ordering in GdN Thin Films	<b>H. Yoshitomi</b> , S. Kitayama, T. Kita, M. Fujisawa, H. Ohta
P44	Ultra-Violet Field-Emission Light Sources Using Carbon Nanofiber Nanocomposites	<b>N. Kishi</b> , S. Kitayama, T. Kita, A. Magario, T. Noguchi, Y. Chigi, T. Nishimoto, H. Tanaka, M. Kobayashi
P46	Low temperature nucleation and growth on Pb/Pb/Si(111) islands	<b>Z. Chvoj</b> , Z. Chromcová, S. Binz, M. Hupalo, M. Tringides
P48	Relationship between the resistance modulation and magneto-electric direction in Cr <sub>2</sub> O <sub>3</sub> /ultra-thin (La,Sr)MnO <sub>3</sub> hetero interface	<b>S. Kito</b> , T. Yokota, R. Aoyagi, M. Gomi
P50	Catalyst-free Epitaxial Growth of InAs Nanowires on (001)Si	<b>S. Pal</b> , S. Singh, V. Dixit, A. Ingale, P. Tiwari, S. Oak
P54	Exchange bias in a granular system of antiferromagnetic nanoparticles embedded in a ferromagnetic matrix	<b>Yong Hu</b> , Yan Liu, Yan Qi, An Du
P56	Spin valve characteristics in nickel/single-molecule/nickel junctions	<b>M. Noguchi</b> , R. Yamada, H. Tada
P58	Reduction of CuO Nanoclusters Irradiated with X-ray and Electron	<b>T. Yoshimori</b> , K. Takahiro, M. Sasase
P60	Raman Spectroscopy for Irradiated-induced Nanostructures in Graphite	<b>K. Niwase</b>
P62	The synthesis and evaluation of titanate-based nanotube by novel hydrothermal processings	<b>Y. Takamatsu</b> , M. Sato, A. Nakahira
P64	3D structure of nanomaterial scaffolds for tissue engineering using electron and atomic force microscope	<b>S. Abe</b> , H. Kobayashi, T. Kiba, K. Ishikawa, M Mutoh, T. Akasaka, M. Uo, Y. Yawaka, S. Sato, F. Watari, M. Suzuki
P66	Polarized Cathodoluminescence from ZnO Nanowires	<b>Y. Asada</b> , N. Yamamoto, G. Salviati, L. Lazzarini
P68	Liquid-Phase Synthesis of Organolanthanide Sandwich Nanoclusters and Their Spectroscopic Characterizations	<b>T. Tsuji</b> , S. Fukazawa, S. Nagaoka, A. Nakajima
P70	Enhanced Fluorescence of Dye Layers on Nonmetallic Nanoparticles	<b>S. Hayashi</b> , C. Yoshikawa, M. Fujii
P72	Chemical Modification of Solid Surfaces at Nano-level by Water Cluster Ion Irradiation	<b>G. Takaoka</b> , G. Ichihashi, H. Ryuto, M. Takeuchi
P74	Surface-Block-Tearing by FIB Assisted Hydrogen Exfoliation	<b>H. Iwata</b> , M. Takagi, Y. Tokuda

No	Title	Authors
<b>P76</b>	Au and Pt Nanoclusters Formed by Sputter Deposition on Graphite with and without Ion Irradiation	K. Morimoto, M. Saito, S. Yasuda, S. Nagata, <b>K. Takahiro</b>
<b>P78</b>	High-performance organic single crystal transistor with sub-micrometer channel	<b>T. Fujiwara</b> , M. Akai-Kasaya, A. Saito, J. takeya, Y. Kuwahara