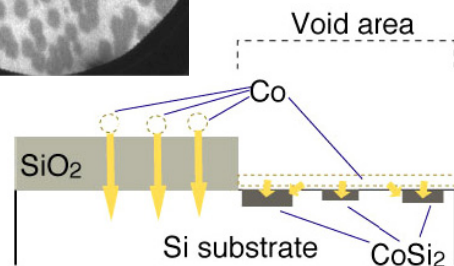
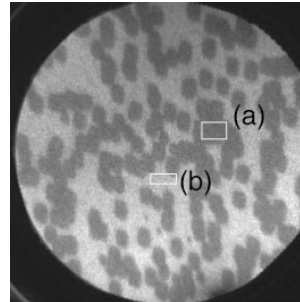
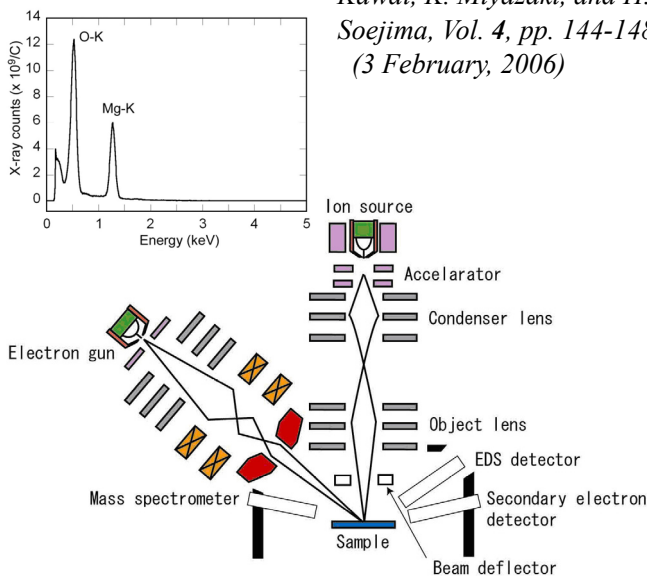


低速イオン励起X線で絶縁体を分析

Low-energy Ion Induced X-ray Emission from Insulators and Development of an Instrument for its Measurement (Conference -ISSS-4-)

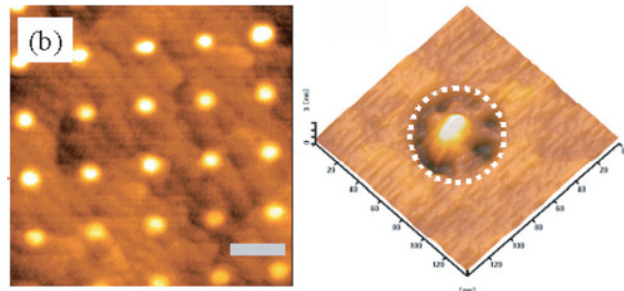
M. Song, M. Takeguchi, and K. Furuya, T. Kitamura, M. Kawai, K. Miyazaki, and H. Soejima, Vol. 4, pp. 144-148 (3 February, 2006)



AFM 探針によるナノ酸化法と原子状水素による酸化物分解法でGa 液滴形成を制御

Formation of ordered Ga-droplets by using atomic-hydrogen assisted Ga self-gathering effect on nano-oxide patterned GaAs (111)A surface (Conference -ISSS-4-)

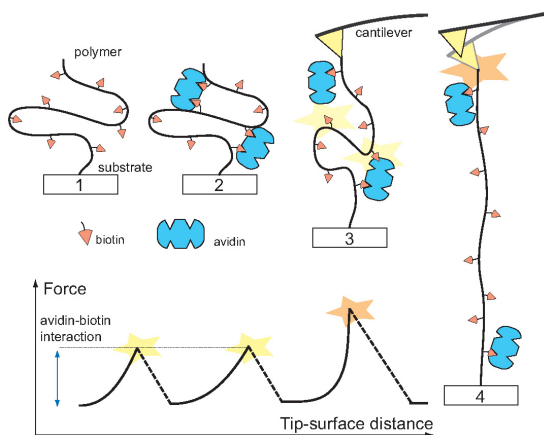
Jong Su Kim, Mitsuo Kawabe, and Nobuyuki Koguchi, Vol. 4, pp. 161-165 (3 February, 2006)



AFMでバイオ分子間の相互作用を測る

AFM analysis of interaction forces between bio-molecules using ligand-functionalized polymers (Conference -ISSS-4-)

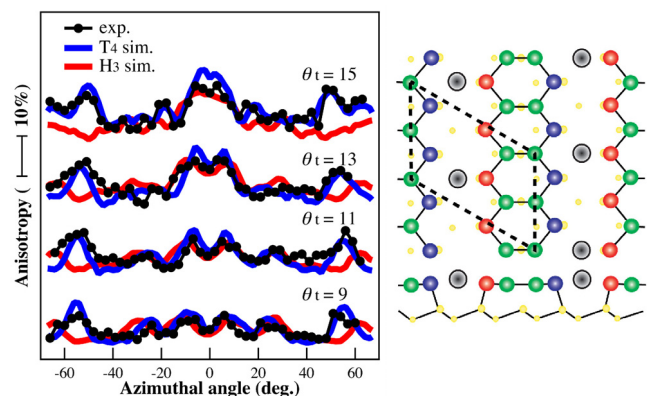
H Sekiguchi, A. Ikai, H. Arakawa, and S. Sugiyama, Vol. 4, pp. 149-154 (3 February, 2006)



光電子回折で表面構造を決める

Structural investigation of the Ca/Si(111)-(3x2) surface using photoelectron diffraction (Conference -ISSS-4-)

T. Suzuki, K. Sakamoto, T. Abukawa and S. Kono, Vol. 4, pp. 166-169 (10 February, 2006)



SiO2/Si表面上でのCo の反応をLEEM/PEEMで観る

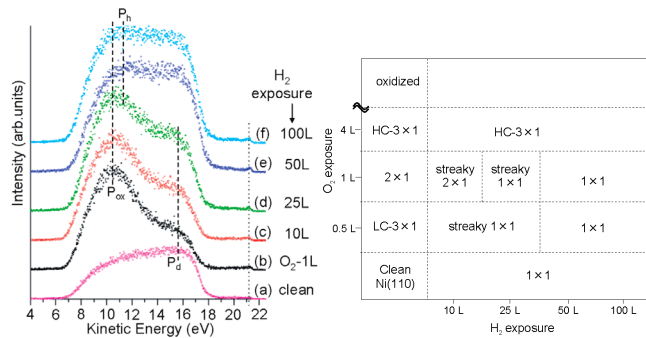
Surface Reactions of Co on SiO2 thin layer/Si substrate Studied by LEEM and PEEM (Conference -ISSS-4-)

F. Maeda, H. Hibino, S. Suzuki, Y. Kobayashi, Y. Watanabe, F. Z. Guo, Vol. 4, pp. 155-160 (3 February, 2006)

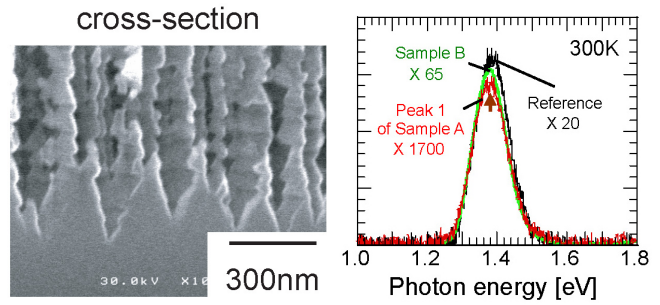
酸素吸着 Ni 表面を水素ガス暴露で還元

Surface-structure dependent reaction of hydrogen-assisted reduction at O/Ni(110) surfaces studied by MIES and LEED (Conference –ISSS-4-)

T. Ikari, K. Kameishi, S. Arikado, H. Kawahara, T. Matsuoka, K. Yamada, A. Watanabe, M. Naitoh, and S. Nishigaki, Vol. 4, pp.170-173 (10 February, 2006)



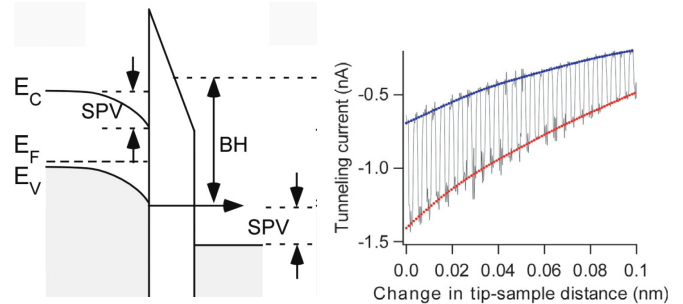
T. Fujino, T. Kimura, T. Sato, H. Hasegawa, T. Hashizume, Vol. 4, pp. 184-191 (10 February, 2006)



S T Mに光照射して探針誘起バンド湾曲を測る

Tip-induced band bending and its effect on local barrier height measurement studied by light modulated scanning tunneling spectroscopy (Conference –ISSS-4-)

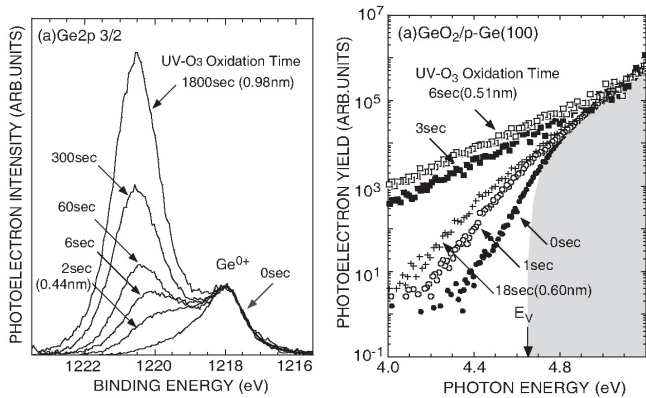
S. Yoshida, J. Kikuchi, Y. Kanitani, O. Takeuchi, H. Oigawa, and H. Shigekawa, Vol. 4, pp. 192-196 (10 February, 2006)



オゾン酸化による Ge 酸化膜/Ge ヘテロ構造の作成

Photoemission Study of Ultrathin GeO2/Ge Heterostructures Formed by UV-O3 Oxidation (Conference –ISSS-4-)

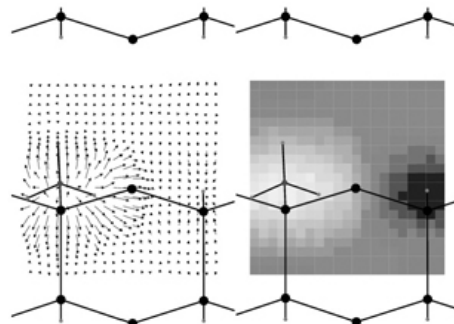
A. Ohta, H. Nakagawa, H. Murakami, S. Higashi, and S. Miyazaki, Vol. 4, pp. 174-179 (10 February, 2006)



AFM探針の先端に水素原子:CH3分子のイメージ

Simulations of constant-height atomic force microscope images of a H-terminated Si(100)2×1 surface with a CH3 impurity (Conference –ISSS-4-)

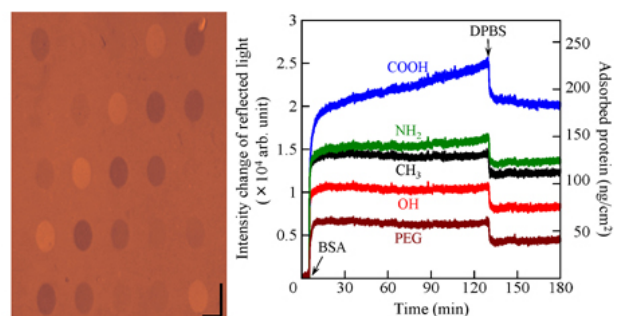
A. Masago, S. Watanabe, K. Tagami, and M. Tsukada, Vol. 4, pp. 197-200 (16 February, 2006)



表面プラズモン共鳴でDNA・基板相互作用を観る

Development of Surface Plasmon Resonance Imaging Apparatus for High-Throughput Study of Protein-Surface Interactions (Conference –ISSS-4-)

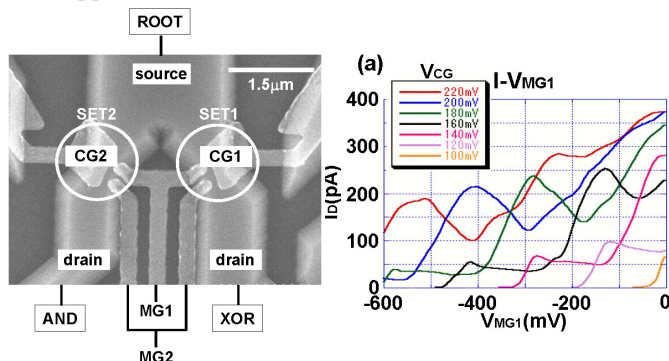
Yusuke Arima, Rika Ishii, Isao Hirata, and Hiroo Iwata, Vol. 4, pp. 201-207 (16 February, 2006)



2つの単一電子トランジスタによる論理ゲート

Selectively formed GaAs quantum nanostructures and their application to single electron integrated circuits (Conference –ISSS-4-)

Y. Natsui, Y. Miyoshi, N. Ooike, J. Motohisa, and T. Fukui, Vol. 4, pp. 180-183 (10 February, 2006)



InPを電気化学処理してナノ構造を作る

Electrochemical Formation of Chaotic and Regular Nanostructures on (001) and (111)B InP Substrates and Their Photoluminescence Characterizations (Conference –ISSS-4-)

(Conference –ISSS-4-)