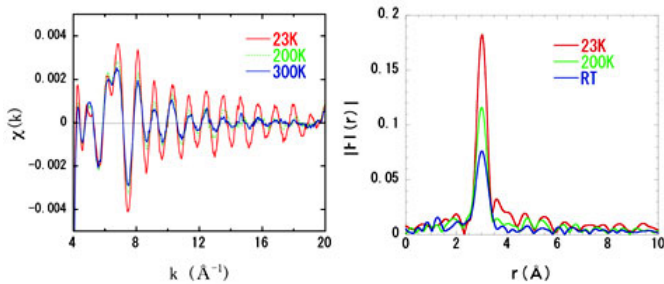


**Bi クラスターの半金属・半導体転移**

EXAFS Study of the Local Structure for Semimetal-Semiconductor Transition in Bismuth Clusters (Conference -ISSS-4-)

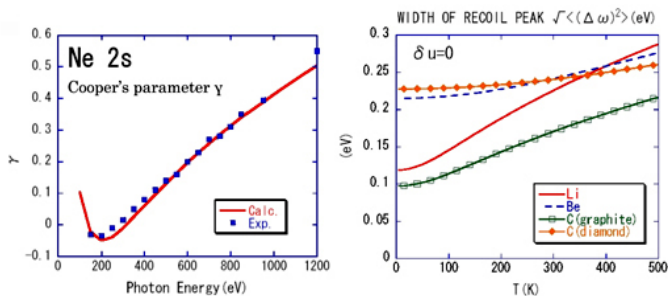
Hiroyuki Ikemoto, Keisuke Deto, and Takafumi Miyanaga, Vol. 3, pp. 370-372 (3 December, 2005)



**高エネルギー光電子放出の理論**

Theory of High-Energy Photoemission

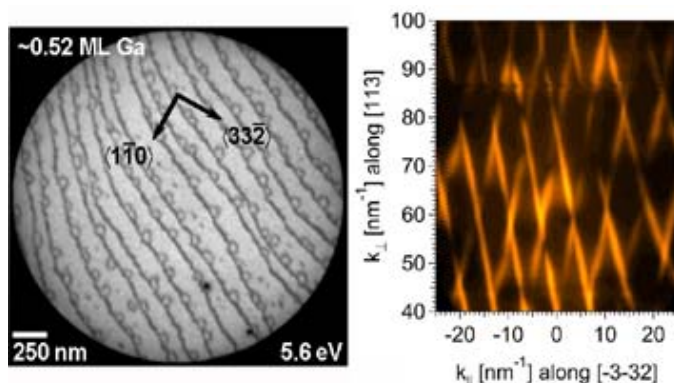
(Conference -ISSS-4-) Rie Suzuki, Hiroko Arai, Hiroshi Shinotsuka, and Takashi Fujikawa, Vol. 3, pp. 373-378 (3 December, 2005)



**Si (113) 表面でのfacet形成のLEEM観察**

Real-time low-energy electron microscopy study of Ga adsorption and facet array formation on Si(113)

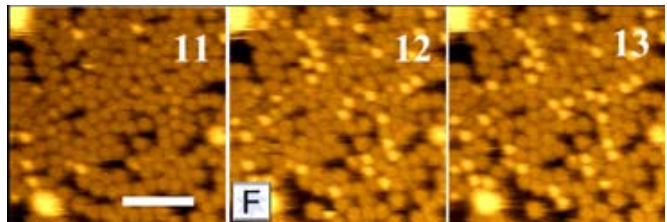
(Conference -ISSS-4-) T. Clausen, Th. Schmidt, J. I. Flege, J. Falta, A. Locatelli, T. O. Menten, S. Heun, and F. Z. Guo, Vol. 3, pp. 379-383 (7 December, 2005)



**タンパク分子の動きを高速AFMで観る**

High-speed Atomic Force Microscopy for Capturing Dynamic Behavior of Protein Molecules at Work

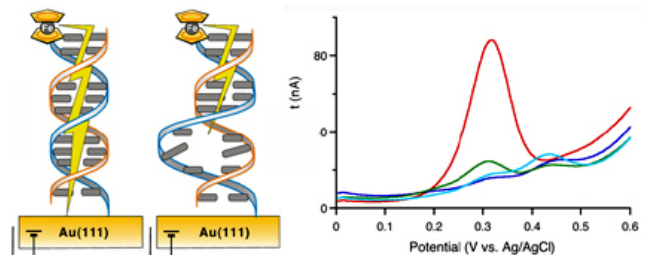
(Conference -ISSS-4-) T. Ando, N. Kodera, T. Uchihashi, A. Miyagi, R. Nakakita, H. Yamashita, and K. Matada, Vol. 3, pp. 384-392 (7 December, 2005)



**DNAプローブ**

A Comparison of Electrochemical DNA Probes Possessing an Isomeric Ferrocene-Diamidopyridine Conjugate for SNPs Detection on Au(111)

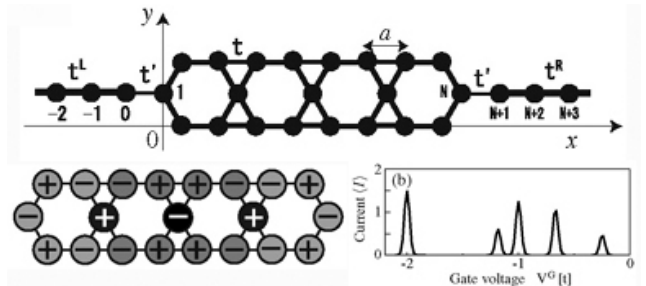
(Conference -ISSS-4-) Reona Ikeda, Junya Chiba, and Masahiko Inouye, Vol. 3, pp. 393-398 (7 December, 2005)



**カゴメ格子鎖の電気伝導**

Symmetry Breaking and Electron Transport in Kagome-Chain Systems (Conference -ISSS-4-)

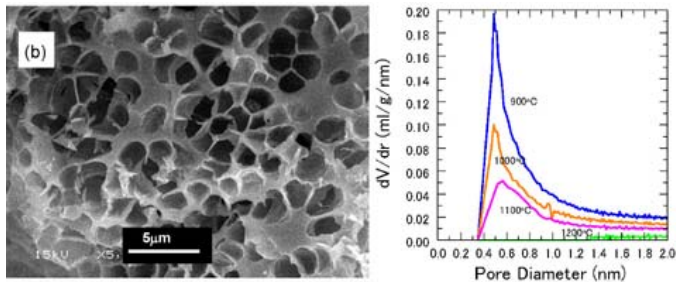
Hiroyuki Ishii and Takashi Nakayama, Vol. 3, pp. 399-404 (9 December, 2005)



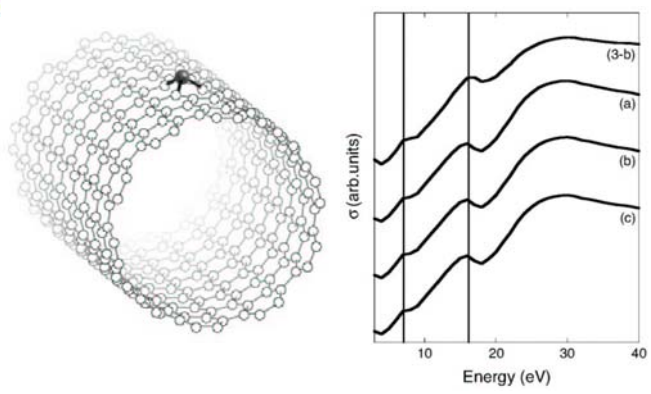
**イースト菌を使ってポーラスアルミナを作る**

Fabrication of bimodal (meso/macro) porous alumina materials using yeast cells as templates

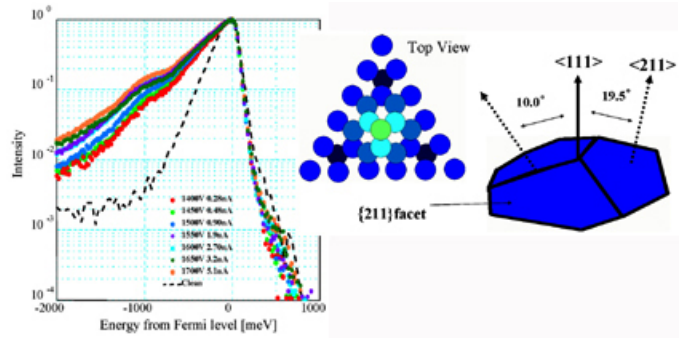
(Conference -ISSS-4-) A. Towata, M. Sivakumar, K. Yasui, T. Tuziuti, T. Kozuka, K. Ohta, and Y. Iida, Vol. 3, pp. 405-411 (9 December, 2005)



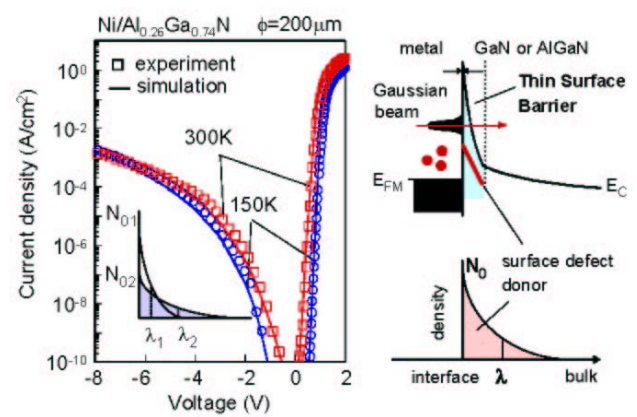
**ニッケル触媒原子はカーボンナノチューブの内側、外側?**  
**Structure and Bonding of Trace Ni Catalyst in Carbon Nanotube Studied by Ni K-Edge XANES**  
 (Conference –ISSS-4-)  
*M. Ushiro, K. Asakura, K. Ohminami, S. Nagamatsu, and T. Fujikawa, Vol. 3, pp. 427-432 (9 December, 2005)*



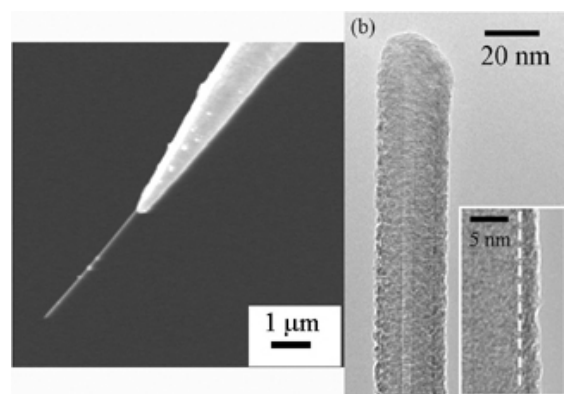
**単一原子からの電子放射**  
**Demountable Single-Atom Electron Source**  
 (Conference –ISSS-4-)  
*C. Oshima, E. Rokuta, T. Itagaki, T. Ishikawa, B. Cho, H.-S. Kuo, I.-S. Hwang, and T. T. Tsong, Vol. 3, pp. 412-416 (9 December, 2005)*



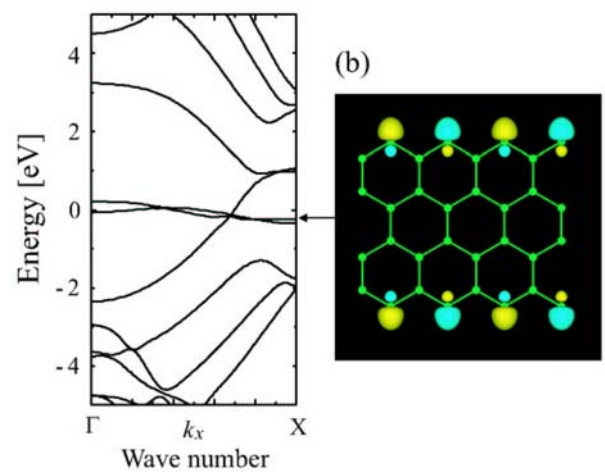
**ナノスケール・ショットキーゲート端からのトンネル電子注入**  
**Tunneling Injection of Electrons at Nanometer-Scale Schottky Gate Edge of AlGaIn/GaN Heterostructure Transistors and Its Computer Simulation**  
 (Conference –ISSS-4-)  
*J. Kotani, S. Kasai, H. Hasegawa, and T. Hashizume, Vol. 3, pp. 433-438 (9 December, 2005)*



**カーボンナノチューブ探針をコーティングする**  
**Coating Carbon Nanotubes with Compound Ultrathin Film: A Novel Route to Functional SPM tips**  
 (Conference –ISSS-4-)  
*M. Kishida, H. Konishi, Y. Murata, D. Maeda, T. Yasuda, T. Ikuno, S. Honda, M. Katayama, S. Yoshimoto, R. Hobara, I. Matsuda, and S. Hasegawa, Vol. 3, pp. 417-420 (9 December, 2005)*



**グラファイトナノ構造の光吸収スペクトル**  
**Photoabsorption Spectra of Graphitic Nanostructures by Time-Dependent Density-Functional Theory**  
 (Conference –ISSS-4-)  
*T. Noguchi, T. Shimamoto, and K. Watanabe, Vol. 3, pp. 439-443 (9 December, 2005)*



**ダイヤモンド様カーボンの摩擦特性**  
**Inspection of DLC friction characteristic by SPM**  
 (Conference –ISSS-4-)  
*Fumitaka Tsuchiya and Hideto Suzuki, Vol. 3, pp. 421-426 (9 December, 2005)*

