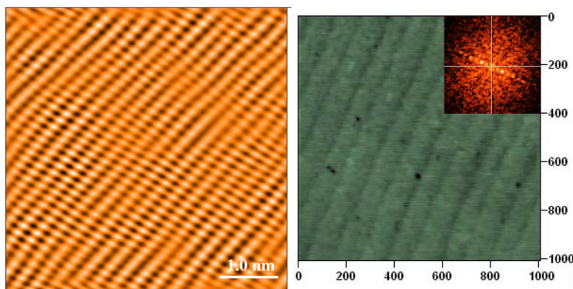


ホームページ : <http://www.sssj.org/ejsnt> 電子メール : ejssnt@sss-j.org
J-Stage アーカイブ : <http://www.jstage.jst.go.jp/browse/ejsnt/>

熱ナノインプリント法による原子スケールパターンニング

Atomic-Scale Pattern Control of Surfaces on Functional Oxide Thin Films and Glass Plates

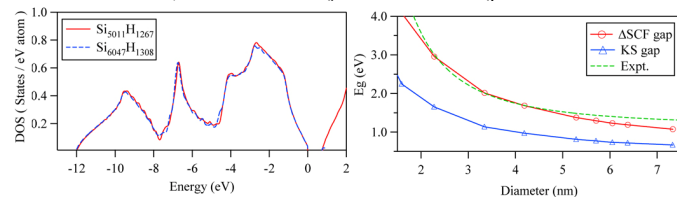
(Conference- ACSIN-10-) Vol. 8, pp. 44-47 (30 Jan, 2010)
Y.i Akita, Y. Sugimoto, M. Yoshimoto, H. Oi and M. Mita



10,000 個の Si 原子ドットの第一原理理論計算

Large-Scale First-Principles Electronic Structure Calculations for Nano-Meter Size Si Quantum Dots

(Conference- ACSIN-10-) Vol. 8, pp. 48-51 (30 Jan, 2010)
Jun-Ichi Iwata, Atsushi Oshiyama and Kenji Shiraishi

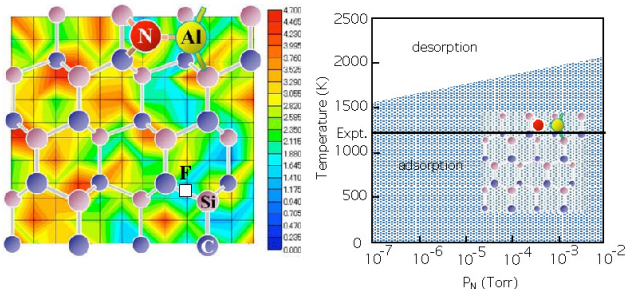


窒化アルミニウムの成長を第 1 原理的モンテカルロ・シミュレーション

Ab Initio-based Monte Carlo Simulation Study for the Structural Stability of AlN Grown on 4H-SiC(11-20)

(Conference- ACSIN-10-) Vol. 8, pp. 52-56 (6 February, 2010)

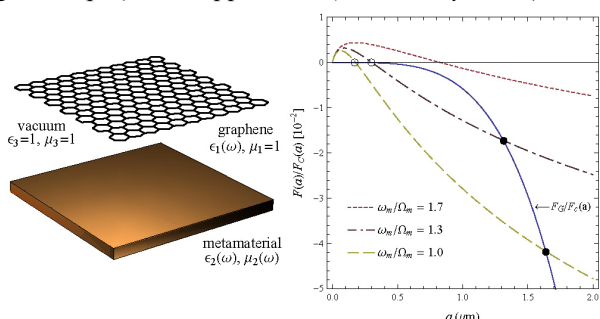
T. Ito, T. Ito, T. Akiyama and K. Nakamura



カシミール斥力によるグラフェンの量子浮揚

Quantum Levitation of Graphene Sheet by Repulsive Casimir Forces Norio Inui and Kouji Miura

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グラフェンと窒化ホウ素単層での 3 種類の結合

Graphene and Hexagonal Boron Nitride Layers:

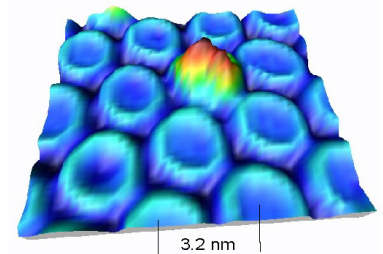
Nanostructures with 3 bond hierarchy levels

(Conference -ALC'09-)

Thomas Greber

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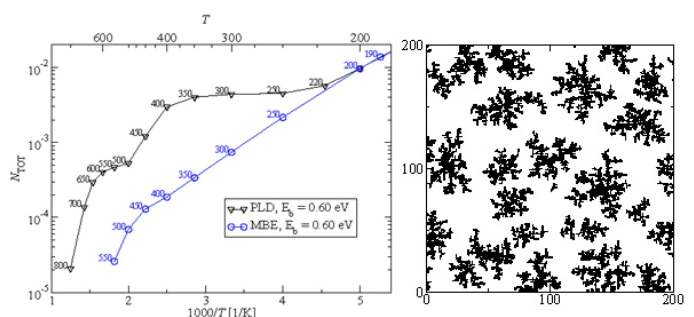


PLD と MBE 成長の違い

Pulsed Depositions vs. Continuous Growth: Monte Carlo Study of Submonolayer Regime (Conference- ACSIN-10-)

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Martin Masin and Miroslav Kotrla



分子解離を走査型アトムプローブで観る

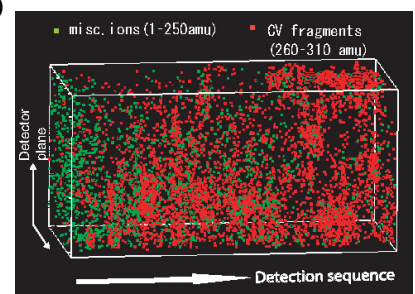
Molecular Reaction Imaged by Scanning Atom Probe

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Masahiro Taniguchi and Osamu Nishikawa



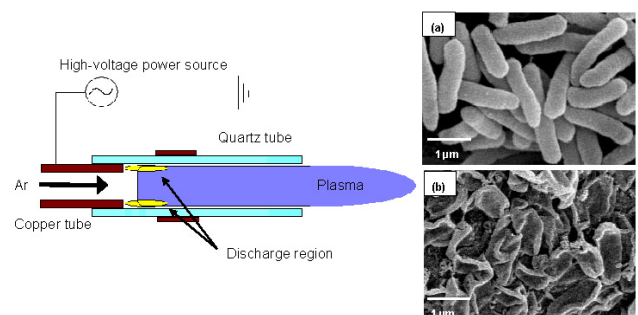
大気圧プラズマジェットで大腸菌を殺菌

Scanning Electron Microscopy Image of *Escherichia Coli* Exposed with Atmospheric-Pressure Plasma Jet

(Superexpress Letter)

H. Kuwahata, E. Kumazawa, R. Ohya and A. Itou,

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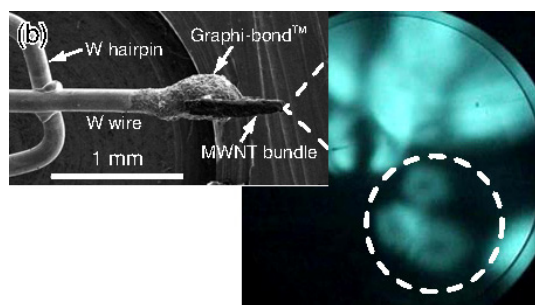
炭/炭を吸着させて CNT の電子放射特性を改善

Field Emission Studies on Methane- and Ethane-Adsorbed Carbon Nanotubes

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Hitoshi Nakahara, Tetsuya Yamashita and Yahachi Saito



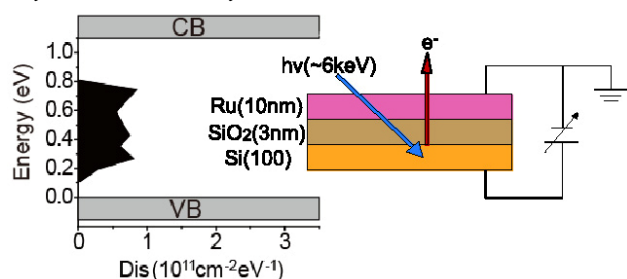
ハイス電圧印加XPSでSi/SiO₂界面状態を観る

Bias-voltage Application in Hard X-Ray Photoelectron Spectroscopy for Characterization of Advanced Materials (Conference -ALC'09-)

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Y. Yamashita, K. Ohmori, S. Ueda, H. Yoshikawa, T.

Chikyow and K. Kobayashi

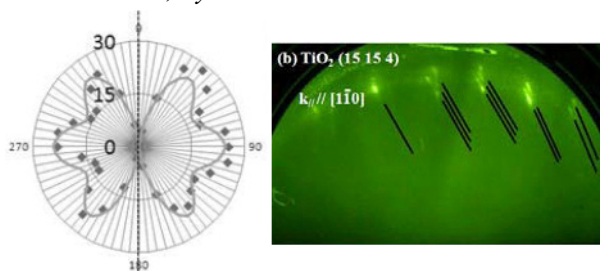


ステップによる対称性の破れをSHGで検出

Optical Second Harmonic Generation from Periodic Steps on Rutile TiO₂(110) (Conference -ACSIN-10-)

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Hiroaki Takahashi, Ryosuke Watanabe and Goro Mizutani



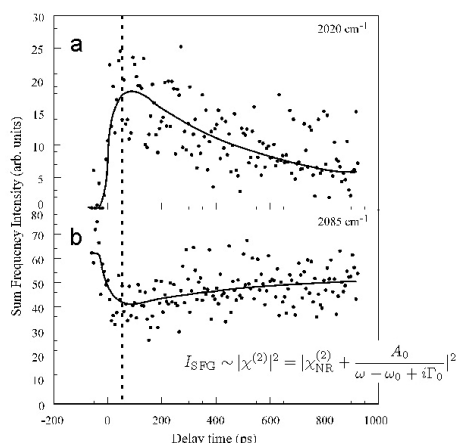
時間分解和周波分光法でSi-H振動を観る

Pump-Probe Time-Resolved Sum Frequency Spectroscopy of the H-Si(111)1×1 surface (Regular Paper)

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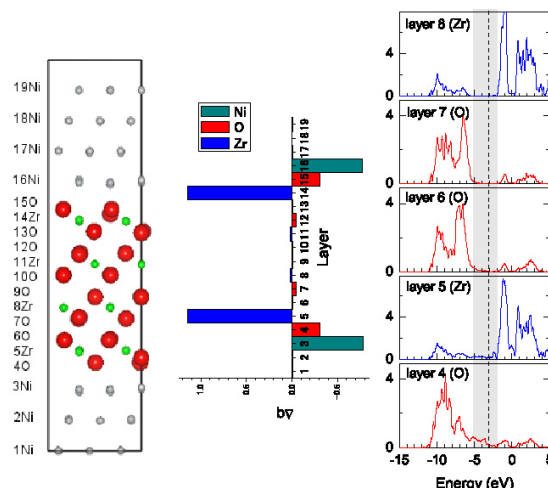


Ni/ジルコニア界面近傍での酸素欠損

First Principles Study of Oxygen Vacancies Near Nickel/Zirconia Interface (Conference -ACSIN-10-)

Shusuke Kasamatsu, Tomofumi Tada and Satoshi Watanabe,

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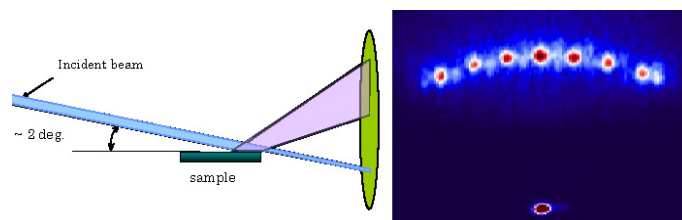


中性原子による反射高速原子線回折

Grazing Incidence Fast Atom Diffraction (GIFAD): Doing RHEED with Atoms (Conference -ACSIN-10-)

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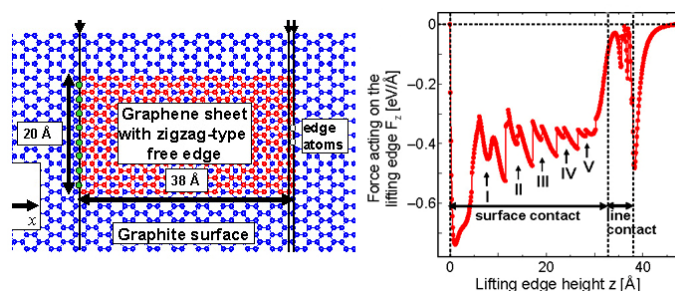


グラフェンの原子スケール摩擦でのエッジの影響

Atomic-Scale Friction of Monolayer Graphenes with Armchair- and Zigzag-Type Edges During Peeling Process (Regular Paper)

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N. Sasaki, H. Okamoto, N. Itamura and K. Miura



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Synthesis and Characterization of a Nanorefractory Dimetaloxide Spinel (Conference -ACSIN-10-)

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