



The 15th CRC International Symposium on
"Catalytic Reaction Dynamics and Surface Nano-Structures"

第 15 回北海道大学触媒化学研究センター国際シンポジウム
「触媒反応ダイナミクスと表面ナノ構造」

平成 16 年 10 月 27 日 (水) - 29 日 (金) **参加費無料**

北海道大学創成科学研究棟大会議室 ; (札幌市北区北 21 条西 10 丁目)

共催 日本学術振興会、日本化学会北海道支部 ; 後援 触媒学会北海道地区



Yasuhiro Iwasawa
The University of Tokyo
Surface Reaction and Diffusion on Metal Oxide Single Crystal Surfaces and Nano-structured Materials Observed by SPM and Time-Resolved DXAFS



Alan. C. Luntz
University of Southern Denmark
The Role of Surface Excitations in Activated Adsorption Dynamics



Kohei Uosaki
Hokkaido University
Importance of Electronic Effect on Electrocatalytic Activity of Pd Layers Grown on Au Single Crystal Surfaces by Electrochemical Atomic Layer Epitaxy



Bernard E. Nieuwenhuys
Leiden University
Adsorption and Reactions on Individual Sites of Noble Metal Surfaces. Can We Develop Tailor Made Catalysts Based on the Surface Science Approach?



Masahiro Kitajima
National Institute for Materials Science
Study of Time-of-Flight on H-Abstraction of the D/Si(100) Surfaces Using a Pulse H-Beam



Masatoshi Osawa
Hokkaido University
Electrocatalytic Reactions Studied by Time-Resolved Infrared Spectroscopy



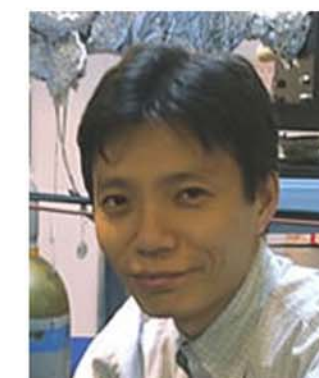
Heon Kang
Seoul National University
Study of Reaction Intermediates on Surfaces by Reactive Ion Scattering



Andrew Hodgson
The University of Liverpool
State Resolved Studies of Surface Reaction Dynamics at Nanostructured Surfaces



Hiroshi Kondoh
The University of Tokyo
Surface Reaction and Adsorbate Configuration: X-ray Absorption Spectroscopy Study



Hiroshi Onishi
Kobe University
Photochemical Reactions on TiO₂ Observed with Scanning Probe Microscopes



Adolf Winkler
Graz University of Technology
Molecular Beam and Time-of-Flight Studies of Catalytic Model Reactions on Two-Component Surfaces



Vladimir Zhdanov
Boriskov Research Institute for Catalysis
Monte Carlo Simulations of Kinetic Oscillations on nm-Sized Catalyst Particles



Francisco Zaera
University of California, Riverside
Molecular Design of New Catalysts: Mechanistic Requirements for the Catalytic Active Site



Kazunari Domen
The University of Tokyo
Dynamic Behavior of Adsorbed Species on Brønsted Acid Sites Studied by Tunable Infrared Laser Pulses



Hiroshi Okuyama
Kyoto University
Hydrogen Adsorption/Absorption Behavior on Pd Surfaces



Noriaki Takagi
The Graduate University for Advanced Studies
In-situ Observation of Chemical Reactions on Added-Row Reconstructed Ag(110)(n x 1)-O Surfaces by Variable Temperature Scanning Tunneling Microscopy



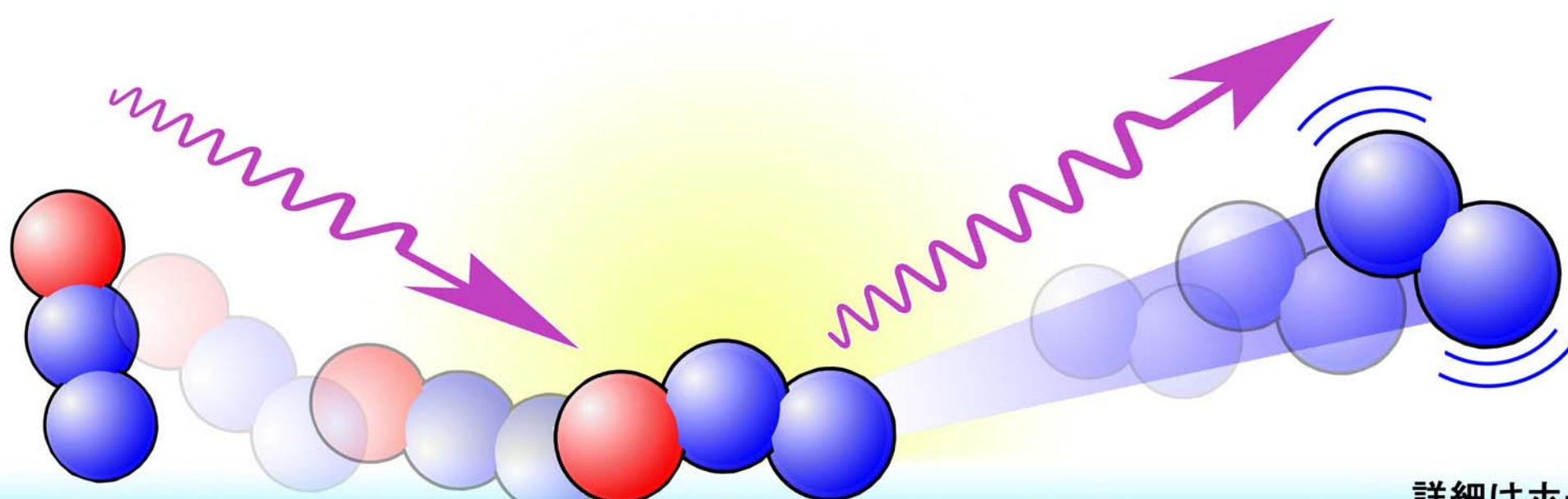
Steven L. Bernasek
Princeton University
Structure and Reactivity in Self-Assembled Monolayers: Chirality, Nano-patterns, and Internal State Effects



Anton Kokalj
Jozef Stefan Institute
An ab initio Study of Adsorption and Dissociation of N₂O on Rh(110) and Pd(110)



Kosuke Shobatake
Nagoya University
Adsorption Structures of Thiophene on Si(100) Surface Studied by STM, TPD, and ab initio MO Calculations



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詳細はホームページをご覧ください :

<http://www.cat.hokudai.ac.jp/symp/symp2004-10-27.htm>