

5th Handai Nanoscience and Nanotechnology International Symposium

**NANO-ADVANCED MATERIALS DESIGN
— FROM NANO-STRUCTURE TO NANO-FUNCTIONALITY —**

September 1-3 (2009)

Icho-Kaikan, Osaka University, Japan

This symposium aims to provide an opportunity for international discussion on progress in material science, nanobiology, molecular chemistry, nano-fabrications, and nano scale applications. The emphasis this year is put on Nano-Advanced Materials Materials Design from Nano-Structure to Nano-Functionality.



Invited Speakers

Nano-Electronics and Nano-Spintorionics

Mark Heyns (IMEC)
Roland Kawakami (UC Riverside)
Michiharu Tabe (Shizuoka University)
Teruo Ono (Kyoto University)
Tsuyoshi Kimura (Osaka University)

Nano/Molecular-Chemistry and Electronics

Prashant V. Kamat (Notre Dame University)
Kyung Byung Yoon (Sogang University)
Tatsuya Tsukuda (Hokkaido University)
Tsukasa Yoshida (Gifu University)
Tetsuro Majima (Osaka University)

Nano-Bio and Nano-Medicine

Dan Branton (Harvard University)
Yoshinobu Baba (Nagoya University)
Kazuya Kikuchi (Osaka University)
Hiroaki Yokota (Kyoto University)

Nano-Photonics

K. L. Vodopyanov (Stanford University)
Rainer Hillenbrand (Nanooptics Laboratory)
Yutaka Kadoya (Hiroshima University)
Kaz Hirakawa (University of Tokyo)
Norihiro Nishizawa (Osaka University)

Nano-Fabrication and Nano-Characterization

John Hutchison (University of Oxford)
Los Gross (IBM Research, Zurich Research Laboratory)
Yutaka Ohno (Tohoku University)
Yoshiaki Sugimoto (Osaka University)
Jun'ichi Kanasaki (Osaka University)

Nano-Advanced Structural and Functional Materials Design

Kostya Ken Ostrikov (CSIRO Mater. Sci. Eng.)
Stefan Bluegel (Forschungszentrum Jülich)
Hideo Hosono (Tokyo Institute of Technology)
Kaneaki Tsuzaki (National Institute of Materials Science)
Takayoshi Nakano (Osaka University)



Important dates

Abstract Submission : **July 21, 2009** **Poster Awards are provided!!**

Registration Dead Line : August 10, 2009 – Registration Fee is FREE



Organizer

Organization for the Promotion of Research on Nanoscience and Nanotechnology, Osaka University



Co-Organizers

The Global COE Program "Center of Excellence for Advanced Structural and Functional Materials Design"
The Global COE Program "Core Research and Engineering of Advanced Materials-Interdisciplinary Education Center for Materials Science"
The Global COE Program "Center of Excellence for Atomically Controlled Fabrication Technology"
The Global COE Program "Center for Electronics Devices Innovation"
The Global COE Program "Global Education and Research Center for Bio-Environmental Chemistry"
The Global COE Program "System Dynamics of Biological Function"
Nanoscience & Nanotechnology Center, ISIR, Osaka University
Institute for NanoScience Design, Osaka University



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