

3rd AIST-ANNA Seminar on Nanoparticles and Single-Molecules “Applications of Light & Nanomaterials for the Innovation of Technology & Life Science”

During 13:00 ~16:35 on February 17th 2012
At National Institute of Advanced Industrial Science and Technology (AIST)
2217-14 Hayashi-Cho, Takamatsu, Kagawa 971-0395

Program

Session I: Chair, Dr. Masatoshi Kataoka, Health Research Institute, AIST, Japan

➤ 13:00~13:05 Opening Remarks

Dr. Mitsuru Ishikawa, Health Research Institute, AIST, Japan

➤ 13:05~13:35 Invited Lecture

“Laser Trapping Chemistry on Nanoparticle Assembling and Phase Transition”

Prof. Hiroshi Masuhara, JST PRESTO Leader & National Chiao Tung University, Taiwan

➤ 13:35~14:05 Invited Lecture

“Photoluminescence and Ultrafast Structural Dynamics of Nanomaterials”

Prof. Jau Tang, Academia Sinica, Taiwan

Session II: Chair, Prof. Naoto Tamai, Kwansei Gakuin University, Japan

➤ 14:05~14:35 Institute Introductory Lecture

“Health Research Institute (HRI)

- Living a Healthy Life Mentally as well as Physically at the Age of 100!”

Dr. Yasukazu Yoshida, Director, Health Research Institute, AIST, Japan

➤ 14:35~15:05 Invited Lecture

“Nanoscale Paradigms for Controlled Release”

Prof. Prasad Shastri, Albert-Ludwigs-Universität Freiburg, Germany

➤ 15:05~15:35 Invited Lecture

“Single-molecule Fluorescence Imaging of TiO₂ Photocatalysis”

Prof. Tetsuro Majima, Osaka University, Japan

Session III: Chair, Prof. Shuichi Hashimoto, Tokushima University, Japan

➤ 15:35~16:05 Invited Lecture

“Nanoscience for Nanocluster Designer Assembly”

Prof. Atsushi Nakajima, JST ERATO & Keio University, Japan

➤ 16:05~16:35 Invited Lecture

“Development of Drug Delivery Nano-machines Utilizing Protein Transduction Domains”

Prof. Yasuhiro Suzuki, Tohoku University School of Medicine, Japan

Sponsored by Health Research Institute, AIST

& Co-sponsored by Asian Nanoscience and Nanotechnology Association (ANNA)