

RIES (Hokkaido University) – CIS (National Chiao Tung University, Taiwan) Joint Symposium

Date: October 25, 2012

Place: Research Institute for Electronic Science (RIES), Hokkaido University, Meeting Room (1F)

Program

9:40-9:50 **Director Prof. Hiroaki Misawa (RIES)**

"Welcome address"

9:50-10:30 **Prof. Yuan-Pern Lee (CIS)**

"Some Applications of Transient Infrared Absorption Spectroscopy"

10:30-10:45 coffee break

10:45-11:15 **Prof. Kuniharu Ijiro (RIES)**

"Self-assembly of Nanoparticles for Optical and Biological Applications"

11:15-11:45 **Prof. Eric Wei-Guang Diao (CIS)**

"Novel Functional Materials and Characterizations for Highly Efficient Dye-Sensitized Solar Cells"

11:45-12:15 **Prof. Takakazu Nakabayashi (RIES)**

"Application of Fluorescence Lifetime Imaging (FLIM) to Measure Intracellular Environments "

12:15-13:45 Meeting (lunch)

13:45-14:15 **Prof. Tamiki Komatsuzaki (RIES)**

"Toward Deciphering Reality of Molecular Dynamics in Systems Biology"

14:15-14:45 **Prof. Yaw-Kuen Li (CIS)**

"A chemical strategy for assessment of the uptake, secretion and intracellular transport of dopamine in the PC12 cell and its in vivo pharmacological activity"

14:45-15:15 **Prof. Tomomi Nemoto (RIES)**

"Improvement of Depth Penetration and Spatial Resolution of Two-photon Microscopy for Brain Research"

15:15-15:30 coffee break

15:30-16:00 **Prof. Jiun-Tai Chen (CIS)**

"Wetting and Instability Studies of Polymer Nanomaterials in Porous Templates"

16:00-16:30 **Prof. Kosei Ueno (RIES)**

"Plasmonic Chemistry and Its Application to Nanofabrication"

16:30-17:00 **Prof. Wen-Bin Jian (CIS)**

"Geometry Manipulation of Electrical Property Modulation in Nanocrystal-Assembled Bulks"

17:00-17:30 **Prof. Shigeki Takeuchi (RIES)**

"Nano Photonics for Quantum Information Science"

18:00- Meeting (Banquet)

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