

Frontiers in Chemical Sciences 2014 @ SNU & HU

Venue: Akira Suzuki Hall

Frontier Research
in Applied Science Building

Nov. 28,²⁹
2014

Free of
charge

Satellite Session Program (Nov. 28 2014)

9:00-9:10 Opening Remarks

9:10-9:40 Prof. Sangyoub Lee (Keynote Lecture)

A New Method of Solution for Fredholm Integral Equations of the Second Kind and its Applications to the Rate Theories of Diffusion-Influenced Reactions

9:40-10:00 Prof. Satoshi Maeda

Automated Exploration of Quantum Chemical Potential Energy Surfaces

10:00-10:20 Prof. Shin-ichiro Sato

Computational Study of Fluorescent Anion-Sensing Molecules: Effects of Conformational Change in the Electronic Excited State

10:40-11:00 Prof. Seokmin Shin

Computer Simulations on Amyloid Formation and Peptide Self-Assembly

11:00-11:20 Prof. Kuniharu Ijiri

Fabrication of Nanoparticle Vesicles beyond Molecular Self-assembly

11:20-11:40 Prof. Doo Soo Chung

Optical Force Chromatography: Control of Molecular Motions by Light

[Photo Session and Lunch Break]

13:00-13:30 Prof. Kei Murakoshi (Keynote Lecture)

Polariton Chemistry at Electrochemical Interfaces

13:30-13:50 Prof. Seonghoon Lee

Excitonic Thin Flexible Light-Emitting Devices for the Future

13:50-14:10 Prof. Akira Kakugo

What Can We Do with Biomolecular Motors?

14:30-14:50 Prof. Kazuyasu Sakaguchi

Tetramer Formation of Tumor Suppressor Protein p53: Tumorigenesis and Evolution

14:50-15:10 Prof. Takeshi Uchida

Heme Uptake Proteins in Bacterial Pathogens

15:30-18:00 Poster Parade & Poster Session

18:00-18:10 Closing Remark

18:30- Banquet

Supported by Hokkaido University(HU) / Frontier Chemistry Center (FCC) Faculty of Engineering, HU / HU Ambitious Leader's Program "Fostering Future Leaders to Open New Frontiers in Material Science" / Graduate School of Chemical Science and Engineering, HU/ Faculty of Science, HU / Faculty of Engineering, HU

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