

LECTURE MEETING SCHEDULE

September 2, 2014, in HAMAMATSU

14:00 – 18:15, 14 presentations

14:00 Professor Shintani (Graduate School of Engineering) (25 min.)
“Frontier Research in Microbial Biotechnology in Shizuoka University”

14:25 Graduate student from Sanada Labo. (15 min.)
Yoshitaka Hara (Graduate School of Engineering)
“Effect of viscoelasticity of PVA brush on friction during post- CMP cleaning”

14:40 Graduate student from Fukuta Labo. (15 min.)
Takashi Muraoka (Graduate School of Engineering)
“Measurement of Thermal Diffusivity of Magnetic Fluid by Forced Rayleigh Scattering Method”

Three graduate students from Futamata Labo.

14:55 Yosuke Tashiro (Graduate School of Engineering)
“Bacterial interaction in the environment for microbial technology” (20min.)

Break (10min.)

15:25 °Kei Suzuki, Hiroki Mochihara, Hiroko Kubota, Arashi Yui, Yosuke Tashiro, Hiroyuki Futamata (Graduate School of Science and Technology)
“Unknown function of microorganisms: Microorganisms create a secondary battery?” (15min.)

15:40 °Kenshi Suzuki, Fatma Azwani, Yuma Inuzuka, Yosuke Tashiro and Hiroyuki Futamata (Graduate School of Engineering)
“Flexible changing of metabolic processes and bacterial interaction contribute system stability” (15min.)

15:55 Graduate student from Mase Labo. (15 min.)

Shoji Yamamoto (Graduate school of Engineering)

"High-Quality Polylactide Synthesis Through Organocatalytic Polymerization in Supercritical Carbon Dioxide"

16:10 Prof. Narumi (Graduate School of Engineering) (25 min.)

"Isostere-based "Monozukuri" "

16:35 Graduate student from Watanabe Labo. (15 min.)

Ryo TSUCHIYA (Graduate School of Agriculture)

"Total synthesis of LDS1, a flower-inducing compound produced by *Lemna paucicostata*"

Break (10 min.)

Two graduate students from Mineno Labo. (15 min \times 2 = 30 min.)

17:00 Yuya SUZUKI (Graduate School of Informatics)

"Sliding window-based support vector regression for micrometeorological data prediction" (15min.)

17:15 Takaaki KAWAI (Graduate School of Informatics)

"Adaptive multi-gateway mesh network with wired/wireless mutually complementary communication" (15min.)

17:30 Graduate student from Okajima Labo. (15 min.)

ZHANG Guangwei (Department of Environment and Energy Systems, Graduate School of Science and Technology)

"Super- and subcritical fluids technology for environmental protection"

Two graduate students from Saito Labo. (15 min \times 2 = 30 min.)

17:45 Yusuke IKEDA (Faculty of Engineering)

"Novel measurement of a thin-liquid-flow via a single-tip optical fiber probe" (15min.)

18:00 Daisuke SHINOHARA (Graduate School of Engineering)

"Relationship among bubble swarms, fluid body and characteristics of dissolved CO₂ concentration in a practical bubble column" (15min.)