



International Symposium at Frontier Research Base for Global Young Researchers

Program

Date: November 24, 2015

Place: Icho-Kaikan 3F

Suita Campus,
Osaka University

- 13:15 Opening Remarks, Toshihiro Tanaka, Dean
Susumu Kuwabata, Director
- 13:30 Molecular Transformations on Highly Active, Flexible, and
Controlled Reaction Space, Yoichi Hoshimoto
- 14:15 Biotechnology for the production of useful plant specialized
metabolites, Ery Odette Fukushima
- 15:00 Designing and fabricating a bio-inspired child-type soft
humanoid robot, Hisashi Ishihara
- 15:45 Break
- 16:00 Short Presentations (3 minutes each)

- Urara Hasegawa
- Atsushi Koizumi
- Noriaki Nakatsuka
- Hideaki Takata
- Tatsuya Sugihara
- Lee Heun Tae
- Yasuhiko Kato
- Yu Sasano
- Kimiaki Washino
- Yasutaka Kuwahara
- Taro Uematsu
- Yoshihiro Nishimoto
- Hikari Shimadera
- Koji Oohora

- 17:00 Poster Session (details on the back)
- 17:45 Closing Remark, Susumu Kuwabata, Director
- 18:00 Banquet

Urara Hasegawa

“Polymeric Nanomedicines for Delivery of Bioactive Gas Molecules”

Atsushi Koizumi

“Mechanism of enhanced luminescence in Eu-doped GaN investigated by electrical methods”

Noriaki Nakatsuka

“Frontier Research on Combustion Engineering”

Hideaki Takata

“Development of novel methods to visualize higher order structures of mitotic chromosome”

Tatsuya Sugihara

“Ultra-Low-Frequency Vibration Machining of Difficult-to-cut Materials”

Heun Tae Lee

“ Laser ultrasonics as a method for in-situ material monitoring diagnostic in fusion devices”

Yasuhiko Kato

“Development and application of genetic engineering in the crustacean Daphnia: Unraveling the molecular mechanism of environmental sex determination”

Yu Sasano

“Development of multiple chromosome splitting technology in yeast”

Kimiaki Washino

“Numerical Simulation of Liquid – Powder systems”

Yoichi Hoshimoto

“Molecular Transformations on Highly Active, Flexible, and Controlled Reaction Space”

Ery Odette Fukushima

“Biotechnology for the production of useful plant specialized metabolites”

Hisashi Ishihara

“Designing and fabricating a bio-inspired child-type soft humanoid robot”

Yasutaka Kuwahara

“Development of yolk-shell nanoreactors encapsulating metal nanoparticles for efficient catalytic reactions”

Taro Uematsu

“Electron and Energy Transfer Reactions to Reveal the Surface Conditions of Semiconductor Nanoparticles”

Norihiro Nishimoto

“Application of Enol Derivatives to Coupling Reaction via Group 13 Lewis Acid”

Hikari Shimadera

“Evaluation of Air Quality Model Performance for Annual PM2.5 Simulation in Japan”

Koji Oohora

“Supramolecular assembly of hemoprotein with exciton coupling between heme chromophores”

