



International Symposium at Frontier Research Base for Global Young Researchers

Program

Date: November 14, 2013

Place: Convention Center 1F
Suita Campus, Osaka University
Suita, Osaka, Japan

- 10:00 Opening Remarks, Tomoyuki Kakeshita, Dean
Susumu Kuwabata, Director
- 10:15 Macromolecule-based systems in gas biology, Urara Hasegawa
- 11:00 Tissue formation by label-free magnetic cell manipulation toward
biohybrid microdevices, Yoshitake Akiyama
- 11:45 Break
- 13:15 Organometallic vapor phase epitaxial growth of Eu-doped GaN
and its optical and electrical properties, Atsushi Koizumi
- 14:00 Combustion Research on Elemental Technologies for
Biomass Gasification, Noriaki Nakatsuka
- 14:45 Break
- 15:00 The biological significance of chromatin condensation with
irregular folding of nucleosome fiber, Hideaki Takata
- 15:45 Short Presentations (3 minutes each)
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|----------------------|------------------------|
| • Hisanao Hazama | • Heun Tae Lee |
| • Guanghua He | • Yasuhiko Kato |
| • Akinori Saeki | • Yu Sasano |
| • Sachiko Yoshihashi | • Kimiaki Washino |
| • Hiromi Habara | • Yoichi Hoshimoto |
| • Youhei Takeda | • Ery Odette Fukushima |
| • Tatsuya Sugihara | |
- 16:45 Poster Session (details on the back)
- 17:30 Closing Remark, Susumu Kuwabata, Director
- 18:00 Banquet

16:45 Poster Session

- “Novel diagnosis and therapy enabled by cutting-edge laser technologies”
[Hisanao Hazama](#)
- “3D Time-Domain Seakeeping Analysis Tool and Its Applications”
[Guanghua He](#)
- “Molecular Engineering of Organic Photovoltaics Inspired by Device-less Evaluation”
[Akinori Saeki](#)
- “Expanding of beam technology to the field of material processing and neutron science”
[Sachiko Yoshihashi](#)
- “Thermal characteristics and heating/cooling energy conservation measures of a well-insulated house in a mild climate region”
[Hiromi Habara](#)
- “Selective Synthesis of Angular-type Aza-PAHs through Unprecedented Rearrangement of Binaphthalene Diamines”
[Youhei Takeda](#)
- “Macromolecule-based systems in gas biology”
[Urara Hasegawa](#)
- “Tissue formation by label-free magnetic cell manipulation toward biohybrid microdevices”
[Yoshitake Akiyama](#)
- “Organometallic vapor phase epitaxial growth of Eu-doped GaN and its optical and electrical properties”
[Atsushi Koizumi](#)
- “Combustion Research on Elemental Technologies for Biomass Gasification”
[Noriaki Nakatsuka](#)
- “The biological significance of chromatin condensation with irregular folding of nucleosome fiber”
[Hideaki Takata](#)
- “High speed machining of Inconel 718 focusing on surface topography of cutting tool”
[Tatsuya Sugihara](#)
- “Dynamic processes in Tungsten: a fusion reactor material”
[Heun Tae Lee](#)
- “Anthropogenic disruption of an environmental sex determining pathway in the water flea *Daphnia magna*”
[Yasuhiko Kato](#)
- “Genome engineering in budding yeast by a novel genome editing technology”
[Yu Sasano](#)
- “Multi-scale simulation of wet granulation”
[Kimiaki Washino](#)
- “Benzoxasilole Synthesis by Novel Designed Nickel Catalyst System”
[Yoichi Hoshimoto](#)
- “Biotechnology for the production of plant secondary metabolites”
[Ery Odette Fukushima](#)