International Symposium at Frontier Research Base for Global Young Researchers

Program

Date: December 5, 2011
Place: Convention Center
Suita Campus, Osaka University
Suita, Osaka, Japan

10:00 Opening Remarks, Tomoyuki Kakeshita, Dean
Susumu Kuwabata, Director

10:20 Development of novel diagnostic and therapeutic techniques using lasers, Hisanao Hazama

11:20 Molecular Communication: A New Information and Communication Paradigm, Tadashi Nakano

12:10 Break

13:40 Development of severe storm monitoring system and its application, Satoru Yoshida

14:40 Time Domain Ship Motions in linear/nonlinear waves by a 3D Higher Order Rankine Panel Method, Guanghua He

15:30 Break

15:45 Short Presentations (5 minutes each)
- Satoshi Seino
- Kaori Hirahara
- Akira Onoda
- Tetsuya Tsuda
- Ravi Gondhalekar
- Akinori Saeki
- Sachiko Suzuki
- Hiromi Habara
- Youhei Takeda
- Urara Hasegawa

16:35 Poster Session (See the details on the back)

17:15 Closing Remark, Susumu Kuwabata, Director

18:00 Banquet

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16:35  Poster Session

- “Radiation induced synthesis of Pt based catalyst nanoparticles”
  Satoshi Seino

- “Nanostructural engineering of deformation in carbon nanotubes”
  Kaori Hirahara

- “Metalloprotein Engineering Toward Biomaterials and Biocatalysts: Hemoprotein Assemblies and Artificial Diiron Metalloenzymes”
  Akira Onoda

- “Electron Microscope Observation Techniques Using Room-Temperature Ionic Liquid -Application to Biological Specimens-”
  Tetsuya Tsuda

- “Advances in Model Predictive Control Theory: Periodic and Low-Complexity MPC”
  Ravi Gondhalekar

- “Development of novel diagnostic and therapeutic techniques using lasers”
  Hisanao Hazama

- “Molecular Communication: A New Information and Communication Paradigm”
  Tadashi Nakano

- “Development of severe storm monitoring system and its application”
  Satoru Yoshida

- “Time Domain Ship Motions in linear/nonlinear waves by a 3D Higher Order Rankine Panel Method”
  Guanghua He

- “Role of Charge Carrier Dynamics in Organic Photovoltaic Cell”
  Akinori Saeki

- “Expanding the optical technologies to the field of nuclear and fusion energy”
  Sachiko Suzuki

- “Modeling of Occupant Environment Control Behavior in Building Simulation”
  Hiromi Habara

- “Facile, Safe, and Selective Syntheses of Aziridinofullerenes and Azafulleroids”
  Youhei Takeda

- “Polymeric micelles for therapeutic gas delivery”
  Urara Hasegawa