

12th Japanese-American Frontiers of Science (JAFoS) Symposium

U.S. National Academy of Sciences
and
Japan Society for the Promotion of Science

Kazusa Arc, Chiba, Japan
December 3-5, 2010

= Program =

Thursday, December 2, 2010

- Afternoon Shuttle Buses (from Narita International Airport to Kazusa Arc)
Check in and Registration
- 7:00 p.m. Welcome Reception (Banquet Hall "Ariake", 2F)
- 11:00 p.m. Informal Discussion (Orchid Bar, 2F)

Friday, December 3, 2010

- 6:45 a.m. Breakfast (Restaurant "Camellia", 1F)
- 9:30 a.m. **Opening Ceremony** (201 Conference Room, 2F)
Prof. Makoto Kobayashi, Executive Director, JSPS
Prof. Barbara Schaal, Vice President, NAS
Prof. Haruhiko Bito, Planning Group Co-chair
Prof. Donald Cooper, Planning Group Co-chair
- 10:00 a.m. **Session I:**
Body fat: hidden organ, new source of hormonal regulation
PGMs: Lena Hileman and Takeharu Nagai
Chair: Yasutomi Kamei, Tokyo Medical and Dental University
Speakers: Sebastien G. Bouret, University of Southern California
Toshimasa Yamauchi, the University of Tokyo
- 12:00 p.m. Lunch (Banquet Hall "Ariake", 2F)
- 1:00 p.m. **Session II:**
Super-resolution Imaging
PGMs: Teri Odom and Yasuteru Urano
Chair: Derek Toomre, Yale University
Speakers: Katsumasa Fujita, Osaka University
Bo Huang, University of California, San Francisco
- 3:15 p.m. **Cultural tour incl. Dinner**
– 7:15 p.m.
- 7:30 p.m. **Flash Poster Talks I** << Odd numbers >> (201 Conference Room, 2F)
- 8:00 p.m. **Poster Session I** (201 Conference Room, 2F)
- 11:00 p.m. Informal Discussion (201 Conference Room, 2F & Orchid Bar, 2F)

Saturday, December 4, 2010

- 6:45 a.m. Breakfast (Restaurant "Camellia", 1F)
- 8:30 a.m. **Session III:**
Advances in Graphene-Based Science and Application
PGMs: Chekesha Liddell Watson and Yuka Tabe
Chair: Hiroki Hibino, NTT Basic Research Laboratories
Speakers: Michael S. Fuhrer, University of Maryland
Yasuhiro Hatsugai, University of Tsukuba
- 10:30 a.m. Coffee Break
- 11:00 a.m. **Session IV:**
Web-Scale Computation
PGMs: Jake Hofman and Katsuhiko Nishinari
Chair: Hilary Mason, Bit.Ly Inc
Speakers: Andrew Connolly, University of Washington
Kazuyuki Shudo, Tokyo Institute of Technology
- 1:00 p.m. Lunch (Banquet Hall "Ariake", 2F)
<< PGM Meeting *1 (104 Conference Room, 1F)>>
- 2:30 p.m. **Session V:**
Collective Intelligence
PGMs: Donald Cooper, Jake Hofman and Koji Mizoguchi
Chair: Panagiotis G. Ipeirotis, New York University
Speakers: Yuya Kajikawa, the University of Tokyo
Toby Segaran, Google
- 4:30 p.m. **Flash Poster Talks II** << Even numbers>> (201 Conference Room, 2F)
- 5:00 p.m. **Poster Session II** (201 Conference Room, 2F)
<< PGM Meeting *1 (104 Conference Room, 1F)>>
- 7:00 p.m. Dinner (Banquet Hall "Ariake", 2F)
- 11:00 p.m. Informal Discussion (201 Conference Room, 2F & Orchid Bar, 2F)

Sunday, December 5, 2010

- 6:45 a.m. Breakfast (Restaurant "Camellia", 1F)
- 8:30 a.m. **Session VI:**
Modeling Brain Circuits, Brain/Machine Interface – Learning
PGMs: Haruhiko Bito and Donald Cooper
Chair: Taketoshi Mori, the University of Tokyo
Speakers: Toshihiko Hosoya, RIKEN
Jun Morimoto, ATR Computational Neuroscience Laboratories
- 10:30 a.m. Coffee Break

- 11:00 a.m. **Session VII:**
 Quantum Effects of Motion
 PGMs: Heather Lewandowski and Mihoko Nojiri
 Chair: Konrad Lehnert, JILA, National Institute of Standards and Technology
 Speakers: Jack Harris, Yale University
 Hiroshi Yamaguchi, NTT Basic Research Laboratory
- 1:00 p.m. Lunch (Banquet Hall "Ariake", 2F)
- 2:30 p.m. **Session VIII:**
 Solar Activity and Climate
 PGMs: Cin-Ty Lee and Yusuke Yokoyama
 Chair: Yukihiro Takahashi, Hokkaido University
 Speakers: Hiroko Miyahara, the University of Tokyo
 Nicola Scafetta, Duke University
- 4:30 p.m. Closing session
- 5:00 p.m. Photo session
- 6:00 p.m. Dinner (Banquet Hall "Ariake", 2F)
- 11:00 p.m. Informal Discussion (201 Conference Room, 2F & Orchid Bar, 2F)

Monday, December 6, 2010

- 6:45 a.m. Breakfast (Restaurant "Camellia", 1F)
- Morning Shuttle Buses^{*2} (from Kazusa Arc to Narita International Airport)
(to be announced)

*1: Only for Planning Group Members for the 13th JAFoS

*2: Available only for the US participants