

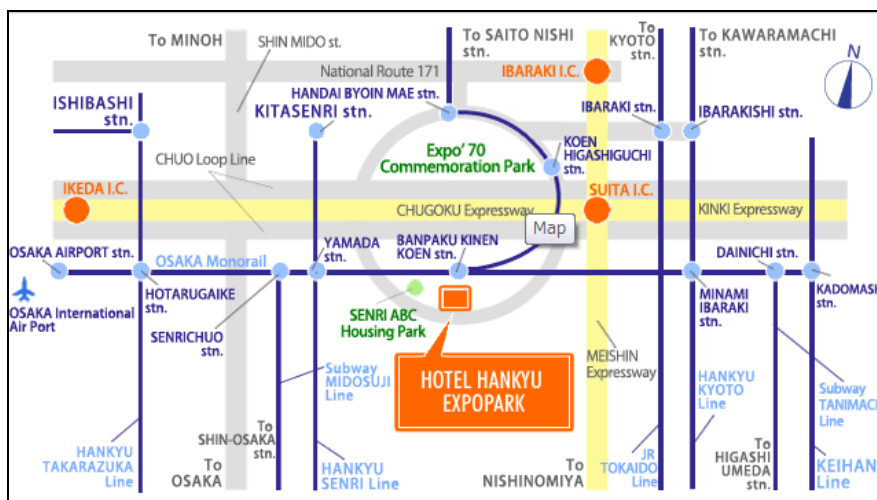
Symposium Information

HOTEL HANKYU EXPO PARK

1-5 Senri-Banpaku-Koen, Suita-City, OSAKA, JAPAN

Telephone: +81(6)6878-5151 FAX: +81(6)6878-3456

<http://www.htl-expopark.jp/en/index.html>



REGISTRATION LOCATION

You can register for your symposium admission on the site at the reception in front of the conference hall "Seiun1". Your nametag and program will be provided after your registration. Make sure that you always wear your nametag during the scientific programs and social events. Note that no registration /participation fee for the forum is required.

Date and Time

Saturday, December 19	13:00-18:30
Sunday, December 20	8:30-17:00

INTERNET CONNECTION SERVICE

Free Internet access is available: Wireless LAN is available in public space in the conference hall.

An PC booth for the symposium attendants use is also set in the lobby.

In guest rooms, a LAN cable can be rented: ¥500 deposit is required, but it is refundable when you return the cable.

ACCOMODATION

“Hotel Hankyu Expo Park” is the official hotel for the symposium attendants.

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HOTEL CHECK-IN / CHECK-OUT TIME

Check in: 14:00 at the Hotel Front Desk

Check out: 11:00 at the Hotel Front Desk

Social Event Information

INTERNATIONAL SYMPOSIUM BUFFET DINNER

19:00-21:00 Saturday, December 19

At Banquet Room “Seiun 2”, (Main Building 2nd floor) Hotel Hankyu Expo Park

* Do not forget to bring your dinner voucher to the banquet room.

LUNCH BOX

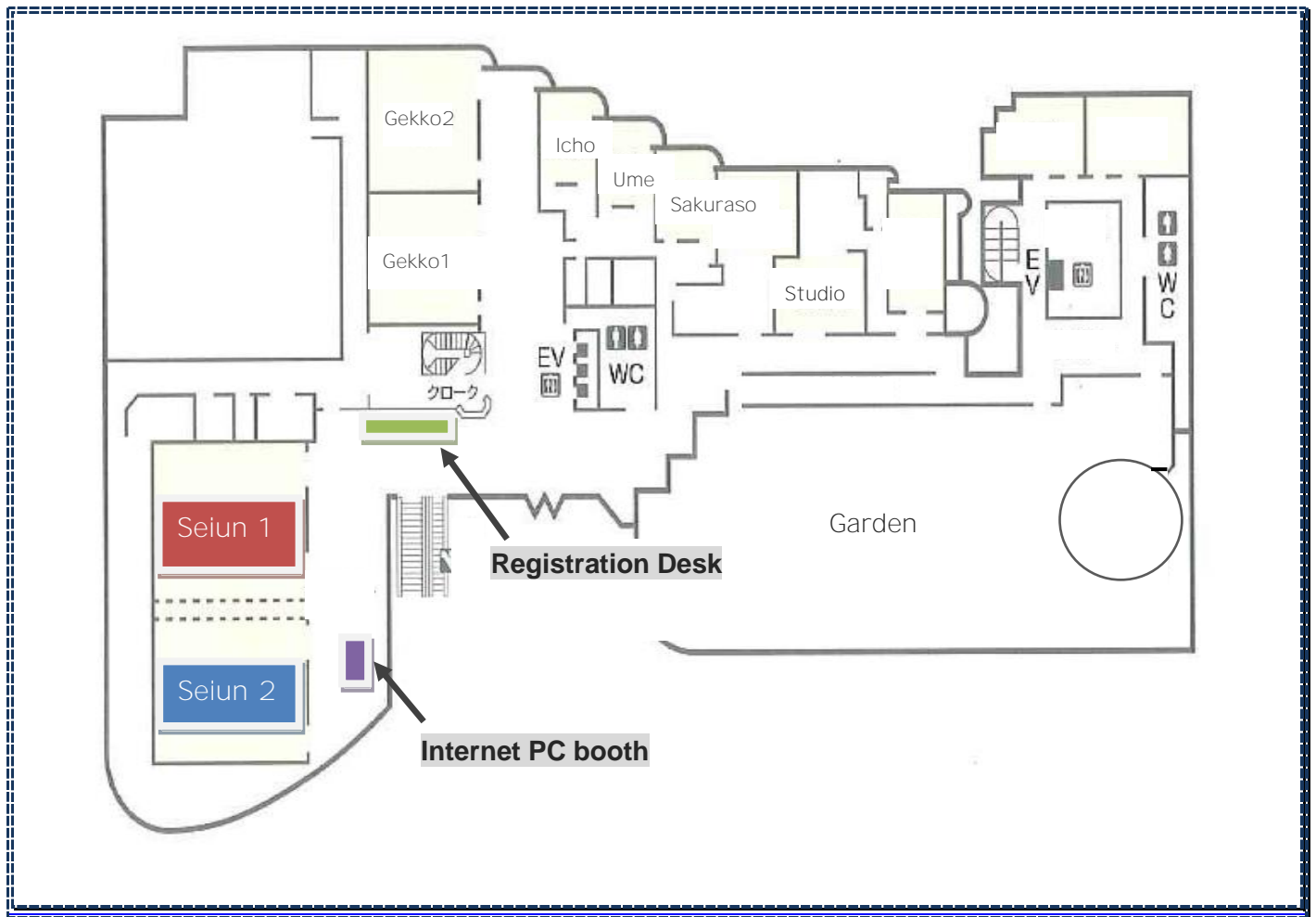
12:30-14:00 Sunday, December 20

At Banquet Room “Seiun 2”, (Main Building 2nd floor) Hotel Hankyu Expo Park

* Do not forget to bring your lunch voucher to the banquet room.

Conference Hall Floor Guide

2F MAIN BUILDING



Seiun 1

----- Invited Lecture / Lecture / Short Oral Presentation

Seiun 2

----- Buffet dinner / Lunch

Scientific Program Information

Invited Lectures 40 min. for one lecture (incl. discussion and rotation) IL-01, 03, 05, 07, 09
20 min. for one lecture (incl. discussion and rotation) IL-02, 04, 06, 08, 10

Lectures 30 min. for one lecture (incl. discussion and rotation) L-01, 02, 04, 06, 07, 08
20 min. for one lecture (incl. discussion and rotation) L-03, 05, 09, 10

Short Oral Presentation 15 min. for one presentation (incl. discussion and rotation) OS-1, 2, 3, 4

Oral Presentation Facilities

The Reception Hall Seiuin 1 is equipped with one LCD projector, one screen, and microphones. PC/ Mac can be connected to the projector. You can either bring your own laptop computer to give your presentation or simply copy your PowerPoint files in a USB key onto the computer in the hall.

It is recommended that all speakers bring a copy of presentation files on a spare USB key and the like to back-up your files.

13:00-13:30 Registration

[Chairperson: Prof. Michio Matsumura]

13:30-13:40 Opening Remarks: Prof. Shunichi Fukuzumi (Osaka University)

13:40-14:20 IL-01: Prof. Heinz Furei (Lawrence Berkeley National Laboratory)
"All-Inorganic Photocatalytic Assemblies in Nanoporous Silica Scaffold for Artificial Photosynthesis"

14:20-14:40 IL-02: Walter W. Weare (Lawrence Berkeley National Laboratory)
"Light-Induced Electron Transfer on the Surface of Mesoporous Silicates"

14:40-15:10 L-01: Prof. Kazuya Kikuchi (Osaka University)
"Development of Visualization Probes with Tunable Chemical Switches for Biological Applications"

15:10-15:40 L-02: Prof. Toshikazu Hirao (Osaka University)
"Chemistry of Bowl-shaped Nanocarbon Sumanene"

15:40-16:00 L-03: Yoshinori Takashima (Osaka University)
"Molecular Hula Hoop: Observations of Rotary Movement of a Rotor"

16:00-16:20 Coffee Break

[Chairperson: Prof. Hitoshi Watarai]

16:20-17:00 IL-03: Prof. Jeffrey R. Long (University of California, Berkeley)
"Carbon Dioxide Capture in Metal-Organic Frameworks"

17:00-17:20 IL-04: Kenji Sumida (University of California, Berkeley)
"High Throughput-Assisted Discovery of Metal-Organic Frameworks for Hydrogen Storage and Gas Separation"

17:20-17:50 L-04: Prof. Takashi Hayashi (Osaka University)
"Supramolecular Hemoprotein Polymers Formed By Heme-Heme Pocket Interaction"

17:50-18:10 L-05: Kazukuni Tahara (Osaka University)
"2D Crystal Engineering: a Four-Component Architecture at a Liquid-Solid Interface"

18:10-18:25 OS-1: Atsuro Takai (Osaka University)
"Porphyrin Trimers: $\pi - \pi$ Assisted Electronic Communication among porphyrins and Photoinduced Electron Transfer"

18:25-18:40 OS-2: Yasunori Minami (Osaka University)
"Transition-Metal Catalyzed Addition Reaction of CF_3 -Functionalized Thiol Esters and Iminosulfides to Alkynes"

[Chairperson: Prof. Masahiro Miura]

- 09:00-09:40 IL-05: Prof. John Arnold (University of California, Berkeley)
"A Comparison of 4*f* vs. 5*f* Metal–Metal Bonds in (CpSiMe₃)₃M–ECp*(M = Nd,U; E = Al,Ga) "
- 09:40-10:00 IL-06: Henry S. LaPierre (University of California, Berkeley)
"Synthesis of a Cationic Vanadium Bisimido Complex and its Reversible Addition of H₂ "
- 10:00-10:30 L-06: Prof. Nobuhito Imanaka (Osaka University)
"Complete Oxidation of Volatile Organic Compounds Over Metal Loaded /Ce-Zr-Bi-O Solid Solution/gamma-Alumina Catalysts "

[Chairperson: Prof. Kazushi Mashima]

- 10:30-11:10 IL-07: Prof. T. Don Tilley (University of California, Berkeley)
"Water Oxidation Catalysts for Integration into Solar-to-Fuels Systems "
- 11:10-11:30 IL-08: Timothy C. Davenport (University of California, Berkeley)
"Synthesis and Properties of Dinuclear Complexes of Novel Naphthyridine Based Ligands "
- 11:30-12:00 L-07: Prof. Sadato Aoshima (Osaka University)
"New Initiating Systems for Living Cationic Polymerization and Synthesis of Well-Defined Thermosensitive Polymers"
- 12:00-12:15 OS-3: Hiroshi Kaneko (Osaka University)
"Synthesis of Amido-imino and Diamido Complexes of Group 3 Metals and Catalytic Performances for Hydroamination of Unactivated Terminal Alkene"
- 12:15-12:30 OS-4: Yusuke Kita (Osaka University)
"Catalytic Cleavage of C-CN Bonds via Silicon-Assisted Mechanism"
- 12:30-14:00 Lunch Time

[Chairperson: Prof. Yoshihisa Inoue]

- 14:00-14:30 L-08: Prof. Hitoshi Watarai (Osaka University)
" Dynamic Magnetic Force Analysis of Chemical Bonding "
- 14:30-14:50 L-09: Mamoru Tobisu (Osaka University)
"Catalytic Transformations of Carbon–Hydrogen and Carbon–Oxygen Bonds "
- 14:50-15:10 L-10: Tetsuya Tsuda (Osaka University)
"Fabrication of Artificial Muscle Device Using a PVdF-HFP–RTIL Composite "
- 15:10-15:40 Coffee Break

[Chairperson: Prof. Hiroshi Uyama]

- 15:40-16:20 IL-09: Prof. Christopher J. Chang (University of California, Berkeley)
"New Chemical Approaches to Understanding Metal and Redox Biology in the Brain"
- 16:20-16:40 IL-10: W. Hill Harman (University of California, Berkeley)
"Non-Heme Metal-Pyrrolide Chemistry in Three-fold Symmetry"
- 16:40-16:50 Closing Remarks: Prof. Akira Harada (Osaka University)