

RSC Tokyo International Conference
- Micro/Nano Technologies for Analysis of Human Health and Diagnostics -
International Session, JASIS Conference
Makuhari Messe, Chiba; September 6-7, 2012

Announcement

Poster program (pdf).

- The poster can be posted on the board from 9:30, September 6.
(We would like to ask you to post your poster, 9:30-10:00.)
- We will prepare the presenters-arrival check-sheet and thumbtacks (drawing pins) on the registration desk.
- We don't have poster boards on the 2nd day (September 7).
- You have to remove your poster by 16:40, September 6.
All poster left after 16:40 will be disposed by the organizing committee.

Outline

RSC(Royal Society of Chemistry) Tokyo International Conference
September 6 - 7, 2012

Conference Organizer: Koji Suzuki (Keio University)

Sponsored by: Royal Society of Chemistry

Japan Analytical Instruments Manufacturers' Association

Supported by: The Chemical Society of Japan

Plenary & Invited Lectures

Plenary lecture session by distinguished scholars in micro/nano technology fields will be held in Makuhari-Messe.

Confirmed speakers;

Prof. I-Ming Hsing (The Hong Kong University of Science and Technology)

Prof. Shoji Takeuchi (The University of Tokyo)

Prof. Duncan Graham (University of Strathclyde)

Prof. Steven A. Soper (The University of North Carolina at Chapel Hill)

Prof. Kahp-Yang Suh (Seoul National University)

Prof. Pengyuan Yang (Fudan University)

Prof. Yoshinobu Baba (Nagoya University)

Prof. Hiroyuki Noji (The University of Tokyo)

Prof. Takehiko Kitamori (The University of Tokyo)

Dr. May Copsey (The Royal Society of Chemistry)

Flash Presentation & Poster Session

Poster session for development and application of analytical instruments, including sample preparation methods and data analysis, will be held in Makuhari-Messe.

We welcome submission from academic, public institutional and industrial researchers. We also welcome ongoing project, and proposal of collaboration.

Each poster presenter will have a 60-90 s flash presentation before the session.

Poster prizes

- RSC Poster Award, RSC Tokyo International Conference (top 3 posters, or so)
- Poster Award, RSC Tokyo International Conference (top 10 posters, or so)

JASIS 2012

JASIS 2012, the largest Japanese Exhibition on Analytical Instruments, will be held in Makuhari-Messe between September 5th and 7th. We hope the presenter and attendee to enjoy both science & technology discussion on the session, and seeking the latest analytical instruments on the exhibition.

Program (Tentative)

September 6, 2012

Convention A Hall, 2nd Floor of International Conference Halls, Makuhari-Messe

Poster program (pdf).

| Time | Program | Speaker |
|-------------|---|---|
| 10:00–10:05 | Opening Remark | Prof. Koji Suzuki, Keio University |
| 10:05–11:20 | Flash Presentation 1 | Presenters |
| 11:20–12:00 | Functionalised Nanoparticles and SERS for New Methods of Bioanalysis | Prof. Duncan Graham, University of Strathclyde |
| 12:00–13:00 | Poster Presentation 1 | Presenters |
| 13:00–13:45 | Break | |
| 13:45–15:00 | Flash Presentation 2 | Presenters |
| 15:00–15:30 | High Throughput Membrane Protein analysis with Artificial Lipid Bilayer Array | Prof. Shoji Takeuchi, The University of Tokyo |
| 15:30–16:30 | Poster Presentation 2 | Presenters |

September 7, 2012

Convention B Hall, 2nd Floor of International Conference Halls, Makuhari-Messe

| Time | Program | Speaker |
|---------------|--|--|
| 10:00 – 10:05 | Opening Remark | Prof. Takehiko Kitamori, RSC Fellow and The University of Tokyo |
| 10:05–10:30 | Analytical Science Publishing at the Royal Society of Chemistry and Journal Publishing in the Future | Dr. May Copsey, The Royal Society of Chemistry (Managing Editor of Analyst) |

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|--------------|---|---|
| 10:30–11:15 | The Analysis of Rare Circulating Tumor Cells using Modular Micro- & Nanofluidics | Prof. Steven Soper, The University of North Carolina at Chapel Hill |
| 11:15–11:35 | Nanobiodevices–Based Single Biomolecule and Single Cell Analysis for Cancer Diagnosis/Therapy and Stem Cell Therapy | Prof. Yoshinobu Baba, Nagoya University |
| 11:35–12:20 | Smart Sensing Technologies for Point of Care Diagnostics | Prof. I–Ming Hsing, The Hong Kong University of Science and Technology |
| 12:20–13:30 | Break | |
| 13:30–14:15 | Biomimetic approaches for engineered organ chips and skin electronics for in–vitro diagnostics | Prof. Kahp–Yang Suh, Seoul National University |
| 14:15–14:35 | Single–molecule digital bioassay with a million droplets array | Prof. Hiroyuki Noji, The University of Tokyo |
| 14:35–15:20 | Microfluidic Immune Detection system for Disease Diagnosis and Environmental Monitoring Jinling Zhang, Pengyuan Yang and Guodong Sui | Prof. Pengyuan Yang, Fudan University |
| 15:20–15:40 | Break | |
| 15:40–16:00 | Attoliter Chromatography on Extended–Nano Fluidic Chip | Prof. Takehiko Kitamori, The University of Tokyo |
| 16:00–16:20 | RSC Poster Award Ceremony | |
| 16:20– 16:25 | Closing Remark | |

For Poster Presentation Authors

1) Important Dates

| | |
|-------------------------------------|---|
| Submission | July 17, 2012 July 24, 2012 (Extended) July 30, 2012 (Extended) |
| Abstract File | July 31, 2012 This deadline will not be extended. |
| Flash Presentation File | September 3, 2012 This deadline will not be extended. |
| Proc. Distribution | September 5, 2012 |
| Poster & Flash Presentation (Mixer) | September 6, 2012 |

2) Category

Focused Area Micro/Nano Technologies for Analysis of Human Health and Diagnostics

S1) Medical, S2) Diagnostic, S3) Food, S4) Molecules, S5) Nanostructures, S6) Micro/nanofluidics, S7)

Other micro/nano technologies

General A

A1 Separation instrument, A2 Optical instrument, A3 Electrochemical instrument, A4 Sensor instrument, A5 Magnetic instrument, A6 Other instrument

General B

B1 Bio/medical application, B2 Environmental application, B3 Process and QC applications, B4 Nano/material applications, B5 Other application

3) Submission

Download the MS-Excel file poster.xls

Send the file as an e-mail attachment file. Use this link for poster submission form.

If you have file trouble, contact here.

4) Abstract File

Prepare one-page (A5) abstract including tables and figures.

Use the template file.

Abstract will be printed in white and black.

Send the file as an e-mail attachment file. Use this link for submission of abstract.

5) Flash Presentation File

PDF format will be used in Flash Presentation (70 seconds presentation). (3 pages or less. A4 in landscape orientation)

Send the file as an attachment file. Use this link for submission of Flash Presentation PDF.

6) Poster Board Size

Height and width of poster board are 1800 mm, and 1200 mm, respectively.

7) Abstract Book

The abstracts will be collected in the Proceedings of JASIS Conference International Session (Sep. 5-7, 2012).

The abstracts will be opened to the public on Sep. 5, 2012.

RSC-TIC Informal Mixer

| | |
|-------------|---|
| Date & Time | September 6, PM 17:30-19:30 |
| Place | Gazen, Kaihin-Makuhari 1-4 Hibino, Mihama, Chiba 261-0021 +81-43-299-0551 Map http://r.gnavi.co.jp/p817900/ |
| Fee | ¥3000->¥3500 (General) tentative ¥1000->¥1500 (Student) tentative |

Registration

- Free of charge
 - You have to register to JASIS Conference before August 24.
- Jump to the registration page and follow the instruction please. (Japanese page)

Committee

| | | |
|-----------|-------------------|---|
| Organizer | Koji Suzuki | Keio University |
| Members | Takehiko Kitamori | RSC, The University of Tokyo |
| | Daniel Citterio | Keio University |
| | Akihde Hibara | The University of Tokyo |
| | Hideaki Hisamoto | Osaka Prefecture University |
| | Kyoichi Komori | Japan Analytical Instruments Manufacturers' Association |
| | Koichiro Matsuda | Japan Analytical Instruments Manufacturers' Association |
| | Nobuo Uehara | Utsunomiya University |