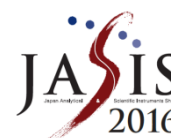


Press Release



Japan Analytical Instruments Manufacturers' Association (JAIMA)

Japan Scientific Instruments Association (JSIA)

Comprehensive Exhibition of Scientific and Analytical Instruments JASIS 2016 Starts Today

The Japan Analytical Instruments Manufacturers' Association (JAIMA; 1-12-3 Kanda Nishikicho, Chiyoda-ku, Tokyo 101-0054; chaired by Gon-emon Kurihara, president of JEOL Ltd.) and the Japan Scientific Instruments Association (JSIA; 3-8-5 Nihonbashi Honcho, Chuo-ku, Tokyo 103-0023; chaired by Hideto Yazawa, chairman of Dalton Co., Ltd.) have announced that the Japan Analytical & Scientific Instruments Show 2016 (JASIS 2016) is scheduled to be held from September 7 (Wed.) to 9 (Fri.) at Makuhari Messe and nearby facilities. JASIS is a specialized exhibition of analytical and scientific instruments that the two associations organize.

JASIS 2016 continues the slogan adopted in 2012, "Discover the Future." It will offer not only booths on the exhibition floor but an abundantly diverse range of conferences, seminars, and New Technology Seminar presentations by exhibiting companies with the aim of "creating a place where innovation is born and new discoveries lead to future business development" as Asia's largest specialized exhibition of scientific and analytical instruments. The scale of this year's exhibition will be similar to last year's, which reached a record high in terms of the number of companies and booth spaces as well as the number of themes of New Technology Seminar presentations. The number of attendees is expected to reach around 30,000 people.

Exhibition Outline (Scale)

The exhibition will be held over three days from September 7 (Wed.) to 9 (Fri.) at Makuhari Messe and other nearby facilities. Five of the International Exhibition Halls (4 to 8) will be used to host the exhibition. Conferences, seminars, and New Technology Seminar presentations will take place at the Makuhari Messe International Conference Hall, Hotel New Otani Makuhari, and APA Hotel & Resort Tokyo Bay Makuhari. As well as being the largest exhibition yet with a floor space of 33,500 m², the previous year's record of 498 exhibiting companies and organizations has also been surpassed with 504 companies and organizations being hosted this year. Exhibitors from 8 foreign countries, including the United States, China, South Korea, and France, will participate in the show.

The lectures and seminars such as the New Technology Seminar presentations and JASIS conferences, which are highly popular among the more than 15,000 lecture attendees, expand year-on-year and will rise to a total of around 500 sessions.

Main Programs

1. New program: Open Solution Forum

<http://www.jasis.jp/seminar/osf.html>

New Technology Seminar presentations will be categorized by theme and implemented as a new program, the Open Solution Forum. Based on the concept that materials development and quality control supports our country's competitiveness in manufacturing, presentations by renowned speakers and exhibiting companies on the themes of "Health and Functional Food Products," "Environment Cleaning Products," and "Automobiles" will be held at the exhibition hall. Holding this forum will provide a place in the exhibition hall to make opportunities for creating solutions through industry-academia as well as cross-industry coordination. The project is expected to be success, with a total of just over 900 people (as of August 29) having registered across all the presentation titles.

Overview of the Open Solution Forum

Location: Within the JASIS 2016 Exhibition Hall (Open Solution Forum site, International Exhibition Hall 4)

Themes and Keynote Addresses

September 7 (Wed.): "Health and Functional Food Products" (keynote addresses: 2, general lectures: 7)

Keynote address 1: "New Food Functional Labeling System and the Development of Functional Agricultural Products"

Food Research Institute, National Agriculture and Food Research Organization

Mari Maeda-Yamamoto

Keynote address 2: "The First Step to Study the Metabolome—A New World of the Food Science"

KAGOME Tomato Discoveries Laboratory, Graduate School of Agriculture, Kyoto University

Takeshi Ara

September 8 (Thu.): "Environment Cleaning Products" (keynote addresses: 2, general lectures: 5)

Keynote address 1: "R&D of Practical Catalyst and Introduction of the Interdisciplinary Research Center for Catalytic Chemistry "

Interdisciplinary Research Center for Catalytic Chemistry, National Institute of Advanced Industrial Science and Technology

Kazuhiko Sato

Keynote address 2: "Water Project and Water Quality Evaluation Technology"

National Institute of Advanced Industrial Science and Technology

Masaki Torimura

September 9 (Fri.): "Automobiles" (keynote addresses: 2, general lectures: 6)

Keynote address 1: "Comprehensive Analytical Chemistry for Materials of Automobiles"

Analytical chemistry consultant, part time lecturer at Ryukoku University,

Former Executive Director of Toray Research Center, Inc., Yoshikatsu Nagasawa

Keynote address 2: "Analytical Chemistry for Battery and Electronic Device in Auto Industry"

Analytical chemistry consultant, part time lecturer at Ryukoku University,

Former Executive Director of Toray Research Center, Inc., Yoshikatsu Nagasawa

2. Life Science Innovation Zone

<http://www.jasis.jp/exhibitors/ls.html>

We will renew the special project Advanced Diagnostics Innovation Zone, which was implemented until last year, in

the evolved and expanded Life Science Innovation Zone. A space occupying 1,800 m² will be used to realize the largest-scale special project to present, with the aim of increasing the spread of business in the fields of next generation health care, advanced drug development, food science, cell/regenerative therapy, advanced diagnosis, preventative medicine, and related IT.

Renowned lecturers from Japan and overseas will present problems, proposals, and global trends regarding industry in each of these fields across 25 keynote addresses (including three special lectures). In addition to general exhibitions by 58 companies and organizations, the Exhibition Zone will hold special exhibitions on the theme of “Discover Future of Life Science: A Glimpse into Evolution of Next Generation Health Care, Cell/Regeneration Medicine, Functional Foods and Personalized Nutrition, and IT” (eight exhibitors). Moreover, there will be 45 company presentations given by 36 of the organizations exhibiting in the Life Science Innovation Zone. Given that a total of just over 3,500 people (as of August 29) have already registered for the 25 keynote addresses, we can infer that there will be a lot of interest among the attendees.

The project provides information in various forms and serves as the key to open the door to life science businesses that are born out of the basis formed by analytical instruments.

Outline of Keynote Addresses of the Life Science Innovation Zone

Location: Within the JASIS 2016 Exhibition Hall, (Open Solution Forum site, International Exhibition Hall 4)

Keynote address theme/special lecture:

September 7 (Wed.) Keynote address themes: “Next Generation Healthcare” and “Advanced Drug Development”

Special lecture: “The Possible Disruptive Revolution in Healthcare and Life Science”

PEZY Computing Co., Ltd., President and Director Motoaki Saito

September 8 (Thu.) Keynote address themes: “Food Science” and “Cell/Regenerative Therapy”

Special lecture: “Clinical Application of Mini-Organ Technology”

Takanori Takebe, Associate Professor, Department of Regenerative Medicine, Yokohama City University
School of Medicine

September 9 (Fri.) Keynote address themes: “Advanced Diagnosis (Clinical DNA Sequencing)” and “Preventative Medicine”

Special lecture: “The Diagnostic Laboratory: The Ultimate Interface for Translational Medicine”

Laboratory Medicine, Hamilton Health Sciences (Canada)

Joseph Macri, Associate Professor, Clinical Pathology and Molecular Medicine, McMaster University (Canada)

3. Fifth Certification of the Heritage of Analytical and Scientific Instruments

<http://www.jasis.jp/information/heritage.html>

Being the fifth certification of analytical and scientific instrument heritage, this year marks an important milestone of the exhibition. This year, the certification was provided for 15 instruments. A certification ceremony will be held on September 7 in the concourse in front of the entrance to Hall 6 on the second floor of the exhibition hall. In addition, there will be a special section at the event site where certified instruments and panels will be on display.

4. Science Seminars <http://www.jasis.jp/seminar/science.html>

Naohiko Ohkouchi of the Japan Agency for Marine-Earth Science and Technology will discuss the mysteries of the vanishing of massive ice sheets and the climate in a lecture titled “Changing Blue: Mechanism of Climate Change Viewed from the Deep-Sea Floor.” September 8 (Thu.), from 1 p.m.

International Conference Room, Makuhari Messe International Conference Hall 2F

5. JASIS Conferences and Seminars <http://www.jasis.jp/seminar/jasis.html>

The JASIS conferences include 50 sessions by 28 organizations and will be held for four days from September 6 (Tue.), the day before the exhibition. There will be plenty of topics, including the JSIA seminars (two sessions) and the JAIMA seminars (12 sessions), which are popular each year, as well as those from the International Conference Session (six sessions) and programs linked to the Life Science Innovation Zone (three sessions).

6. Japanese Pharmacopoeia Seminars <http://www.jasis.jp/seminar/pharmacopoeia.html>

The lecture on the topic of the "Latest Information about the 17th Edition of the Japanese Pharmacopoeia" will be provided by lecturers from specialist organizations.

September 9 (Fri.), from 2 p.m. International Conference Room, Makuhari Messe International Conference Hall 2F

“Revision Points of the JP17 and Recent Trends for the Supplement 1 to JP17”

Rieko Saito, Pharmaceutical Standards Department, Office of Standards and Guidelines Development,
Pharmaceuticals and Medical Devices Agency

“Latest Information after the 17th Change in a Japanese Pharmacopoeia Draft Deliberative Council Testing
Method Committee of Physics and Chemistry”

Chikako Yomota, Doctor of Pharmacology, Pharmaceutical and Medical Device Regulatory Science Society of
Japan

7. Science Stage <http://www.jasis.jp/information/openforum.html>

The Simple Introduction to Scientific Instruments workshop and Scientific Experiment Show conducted each year will be held under the new name of Science Stage. Simple Introduction to Scientific Instruments workshop is a basic scientific instruments course aimed at young researchers, commercial businessmen, and those newly employed at manufacturers. This year, it will be held for two days—September 7 and 8—and will focus on atmospheric measurement devices and measuring instruments for color difference, film thickness, and water content. The Scientific Experiment Show is a project with experiments organized by the Japan Science Foundation (Science Museum). This year it will be held on September 9 with the theme of “Air and Static Electricity.”

8. Miscellanea: Towards Greater Convenience for Attendees

- Materials such as the *Kagaku Bunseki Kiki Souran 2016 (2016 Overview of Scientific and Analytical Instruments;* printed and DVD editions) and the *Bunseki Kiki no Tebiki (Analytical Instrument Handbook)* will be distributed

free-of-charge at a special section at the event site (while supplies last). Moreover, from this year, the DVD edition includes *Introducing Scientific Instruments* (a product guide with all 135 scientific devices) as an appendix and can be viewed as an e-book.

- Due to the rapid increase in the number of smartphone users in recent years, a dedicated JASIS exhibition app has been prepared for mobile use. The app provides visitors with convenient tools such as map and schedule functions.
- A free shuttle bus will operate between Makuhari-Hongo Station and the event site (passing through Kaihin-Makuhari Station), and a free bus will also connect Tsukuba Station with the event site.

Main Events on the Opening Day: September 7 (Wed.)

- 11 a.m. to 12 noon Press conference (Sumire Hall, Hotel New Otani Makuhari 2F)

Note: Following the press conference, you will be guided to the Life Science Innovation Zone and Open Solution Forum site.

- 4 to 4:30 p.m. Certification ceremony for the heritage of analytical and scientific instruments (concourse in front of the entrance to Hall 6 on the second floor of the exhibition hall)
- 5:30 to 7:30 p.m. Celebration party (Tsuru Hall, Hotel New Otani Makuhari 2F)

Press Room

A press room has been prepared for members of the media on the north side of the Hall 6 on the first floor of the exhibition hall.

Feel free to make use of the wireless Internet access and cold drinks provided there.

Guide to the On-site Headquarters

As the organizer, we endeavor to operate the event to the satisfaction of the attendees and the exhibitors. The organizer's headquarters are located on the north side of the Hall 6 on the first floor of the exhibition hall. Please visit the office if anything is unclear or if you have any questions.

JASIS 2016 Office (within Japan Analytical Instruments Manufacturers' Association)

Nobuyoshi Kataoka and Mayuko Ogawa, Secretariat