

## Contact Information

### Secretariats

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Participants of the Second Symposium on Multiscale Multiphase Process Engineering, held in Hamburg, 2014

## Venue

Toyama International Conference Center  
1-2 Ohte-machi, Toyama City, Toyama 930-0084, Japan  
Fax: +81-76-493-7170

Toyama International Conference Center is located near the city center. This center is well suited to holding an international conference, with an accommodating main hall and a number of hotels located nearby. In recent years, Toyama City has received attention because of its unique culture and access via the shinkansen (bullet train) express service. Toyama has marvelous scenery such as Suganuma Village (a UNESCO world heritage site showcasing gassho-style houses) and Kurobe Dam. As a matter of course, you can experience tasty Japanese food and drink, including sake. For further information, please visit the website <http://foreign.info-toyama.com/en/>

## Transportation

By train to JR Toyama station  
From Tokyo: 2 h 8 min (Hokuriku shinkansen)  
By air to Toyama airport  
From Tokyo (Haneda airport): 60 min

## Language

The official language of the symposium is English.

## Important Dates

Oct. 31, 2016 Deadline for abstract submission and international joint research proposals  
Nov. 30, 2016 Notification of abstract acceptance  
Feb. 20, 2017 Deadline for full-length manuscript submission  
Feb. 28, 2017 Deadline for advanced (early-bird) registration

## Abstract Submission

The organizing committee cordially invites contributors to submit abstracts of scientific contributions by October 1, 2016. Please use the template available on our website [www.MMPE.jp](http://www.MMPE.jp) and adhere to guidelines given on the site. The abstract template includes a questionnaire concerning international joint research projects. Contributors who intend to propose a project will provide a topic of interest and its outline. If possible, potential collaborators may be suggested. According to the proposals submitted, the scientific advisory committee will consider the theme of the project and coordinate a research team. The final form of the project will be fixed through scientific discussions held during the symposium. All contributors will be informed before November 30, 2016 as to whether their abstract and oral or poster preference have been accepted by the scientific advisory committee. Further information on full-length manuscripts for symposium preprints will be provided to the contributors.

## Symposium Preprints

All accepted contributions will appear in preprints of the symposium. Preprints including a copy on a USB device will be made available to participants during registration at the symposium. A limited number of original contributions will be published in a special issue of the Journal of Chemical Engineering of Japan.

SCEJ  
The Society of  
Chemical  
Engineers  
Japan

Third International Symposium on  
Multiscale Multiphase  
Process Engineering  
(MMPE2017)

Call for Papers

May 8-11, 2017  
Toyama International Conference Center  
Toyama City, Toyama Prefecture  
Japan

Website: [www.MMPE.jp](http://www.MMPE.jp)

## Scope

It is our great pleasure to host the Third International Symposium on Multiscale Multiphase Process Engineering (MMPE), to be held in Toyama, Japan on May 8–11, 2017. This symposium is held triennially and alternatively in Japan and Germany to feature novel presentations and to build an international network.

The First and Second International Symposia on MMPE were held successfully in Kanazawa, Japan, 2011 and Hamburg, Germany, 2014. The symposia offer a forum on modern nano-, micro- and macro-scale aspects of multiphase process engineering. Moreover, the friendly atmosphere and communication among participants at the symposia allow the development of unique ideas and creation of international research project teams, including young scientists and students, that will make new findings.

We sincerely welcome participants from all countries and with a wide range of academic and professional backgrounds. We look forward to welcoming you all in Toyama.

## Scientific Topics

Multiscale Multiphase Process Engineering involving bubble, drop and particle dispersion systems related to:

- fundamentals including hydrodynamics and mass and heat transfer properties;
- advanced measurement and experimental techniques;
- computational fluid dynamics and simulation;
- micro- and nano-dispersion systems, microreactors and nanotechnology;
- multiphase reaction, reactive bubble flows, catalytic reaction engineering, and bioreactors;
- multiphase flow aspects of bubble columns, extraction columns, loop reactors, fluidized beds, and so on; and
- applications including innovative reactor design, novel reactor configurations and advanced energy and environmental systems, etc.

## Technical Program

The program consists of:

- keynote lectures and full oral presentations;
- poster presentations with 5-min oral presentations; and
- a one-day tour.

Fruitful scientific discussions and international joint research planning will be held in poster sessions.

## Symposium Schedule

May 8 (Mon)	Registration; Welcome party
May 9 (Tue)	Full-day sessions; Free time
May 10 (Wed)	Full-day sessions; Banquet
May 11 (Thu)	Tour; Farewell party

## Registration Fees

	Advanced (until February 28, 2017)	Regular (after March 1, 2017)
Regular participation	60,000 JPY	80,000 JPY
Students and post-doctoral fellows	20,000 JPY	30,000 JPY
Accompanying person	10,000 JPY	15,000 JPY

Participants are strongly encouraged to complete registration in advance on our website by February 28, 2017. The registration fee includes registration, preprints/USB device, coffee breaks, lunches, welcome party, banquet, tour and farewell party. Please note that fees for accommodation and insurance are NOT included. Accommodation near the venue will be provided at a special rate. Specific information about accommodation will be provided on our website.

## Organization

The symposium is organized by the Research Group of Bubble, Drop, and Particle Dispersion Engineering in Fluid and Particle Processing Division, the Society of Chemical Engineers, Japan.

## Organizing Committee

Chair

Prof. Dr. Koichi Terasaka, Keio University  
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Vice Chair

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Dr. Toru Ishigami, Nihon University  
Prof. Dr. Daisuke Kobayashi, Tokyo Denki University  
Prof. Dr. Yosuke Matsukuma, Fukuoka University  
Prof. Dr. Hidetoshi Mori, Toyama University  
Mr. Kei Mizuta, Kagoshima University  
Prof. Dr. Mitsuhiro Ohta, Tokushima University  
Prof. Dr. Mikio Sakai, The University of Tokyo  
Dr. Naoki Shimada, Sumitomo Chemical Co., Ltd.  
Prof. Dr. Katsumi Tsuchiya, Doshisha University  
Prof. Dr. Masumi Yamada, Chiba University  
Prof. Dr. Keiji Yasuda, Nagoya University  
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