

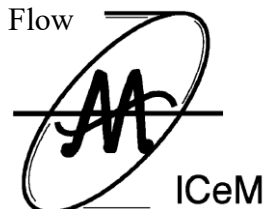


The International Information Center for Multiphase Flow

NEWSLETTER

No. 65, September 2026

The Japanese Society for Multiphase Flow



The 10th World Congress on Particle Technology (WCPT10)

May 11–15, 2026, Osaka, Japan

by Toshitsugu Tanaka

The 10th World Congress on Particle Technology (WCPT10) was held in Osaka, Japan, May 11–15, 2026. Since its inception in 1986, the WCPT has been held every four years, growing to become the world's largest platform for promoting research, innovation and industrial applications in powder and particle technology. This marks the second time the conference has been held in Japan, following the second conference in Kyoto in 1990.

Powder and particle technology plays a crucial role in supporting the foundations of a wide range of industries, from manufacturing to the environmental and energy sectors, by controlling powders that exhibit unique behavior, falling somewhere between liquid and solid. This landmark 10th edition provided a

unique opportunity to reflect on past achievements while pioneering the future of particle science and technology.

Professor Tatsushi Matsuyama (Soka University, Japan) was the general chair of WCPT10. There were two award lectures: the Iinoya Award Lecture by Dr. Brij M. Moudgil, Distinguished Professor Emeritus at the University of Florida; and the Kona Award Lecture by Professor Arno Kwade of Technische Universität Braunschweig in Germany. The plenary speakers were Professor Chiharu Tokoro (Waseda University / The University of Tokyo, Japan), Professor Poupak Mehrani (University of Ottawa, Canada), Professor Heru Setyawan (Institut Teknologi Sepuluh Nopember, Indonesia), Professor Qiang Zhang (Tsinghua University, China), Professor Jin Ooi (University of Edinburgh, UK), Professor Carsten Schilde (Technische Universität Braunschweig, Germany).



Photo 1 Prof. Matsuyama at the opening ceremony.

Table 1 Number of presentations and exhibitions.

Oral presentations		Poster / Exhibition	
Award Lecture	2	Poster session	134
Plenary Lecture	6	Exhibition	18
Invited Lecture	21		
Others	497		
Total	526		152



Photo 2 Group photo at the opening ceremony.

Table 2 Number of attendees by country.

Country	No of attendees
Japan	297
Germany	134
United Kingdom	63
Taiwan	29
China	24
Netherlands	19
Republic of Korea	19
United States of America	18
France	17
Australia	13
Austria	7
Switzerland	7
India	6
Indonesia	6
Italy	6
Portugal	6
Spain	5
The others	37
Total	713

Table 1 summarizes the number of presentations and exhibitions at the conference. Table 2 shows the number of attendees by country. A total of 713 people attended the conference.



Photo 3 Poster session.



Photo 4 Presentation of WCPT-11 at the closing ceremony.

Topics concerning multiphase flows were discussed in many sessions, including Processes, Multiphase, Separation, Aerosol, and Modeling & Simulation. Detailed information is available on the following website: <https://wcpt10.org/>.

The next conference, WCPT-11, will be held in Sydney, Australia in 2030 and will be chaired by Prof. Yansong Shen of the University of New South Wales in Australia.

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Future Meetings

Following list includes conference name, place, date and contact information.

World Tribology Congress 2026 (WTC 2026)

Rio de Janeiro, Brazil, Sept. 20-25, 2026

Chair: J. D. B. De Mello (UFSC/UFU)

<https://www.wtc2026.org/>

The 15th International Topical Meeting on Nuclear Reactor Thermal-Hydraulics, Operation, and Safety (NUTHOS-15)

Kashiwa-no-ha, Japan, September 27-30, 2026

Chair: K. Okamoto (The University of Tokyo)

<https://www.nuthos.org/Organization.html>

International Conference on Heat and Mass Transfer in Porous Media: Fundamentals and Applications (HMT-PM 2026)

Prague, Czech Republic, October 19 – 23, 2026

Chair: K. Hooman (Delft University of Technology), M. Mobedi (Shizuoka University), W. Q. Tao (Xi'an Jiaotong University), M. Schmirler (CTU in Prague)

<https://hmt-pm2026.fs.cvut.cz/committees/>

The 7th International Conference on Fluid Flow and Thermal Science (ICFFTS 2026)

London, United Kingdom, October 28 – 30, 2026

Chair: S. Murshed (University of Lisbon), B. Kruczek (University of Ottawa)

<https://icffts.com/index.html>

The 22nd Multiphase Flow Workshop - Conference and Short Course (MPF2026)

Dresden, Germany, November 2 – 6, 2026

Organizer: Helmholtz-Zentrum Dresden-Rossendorf

<https://www.hzdr.de/db/Cms?pNid=890>

The 6th International Conference on Numerical Methods in Multiphase Flows (ICNMMF-6)

IIT Madras, India, January 18-20, 2027

Chair: V. D. Narasimhamurthy (Indian Institute of Technology Madras), S. Vengadesan (Indian Institute of Technology Madras), G. Tomar (Indian Institute of Science Bengaluru)

<https://ge.iitm.ac.in/icnmmf-6#hero>

24th IACM Computational Fluids Conference (CFC 2027)

Yokohama, Japan, March 12-15, 2027

Chair: M. Asai (Kyushu University)

<https://cfc2027.iacm.info/>

The 4th Pacific Rim Thermal Engineering Conference (PRTEC 2027)

Honolulu, Hawaii, USA, March 14-18, 2027

Chair: J. H. Jeong (Pusan National University), T. Shoji (The University of Osaka)

<https://www.prtec2027.org/>

12th International Conference on Multiphase Flow and Heat Transfer (ICMFHT 2027)

London, United Kingdom, April 6-8, 2027

Chair: L. Cheng (Sheffield Hallam University), T. G. Karayiannis (Brunel University London)

<https://icmfht.com/>

1st International Symposium on Nuclear Engineering and Energy Systems (ISONEES2027)

Fukuoka, Japan, May 16-20, 2027

Chair: K. Okamoto (The University of Tokyo), T. Okawa (The University of Electro-Communications)

<https://www.isonees2027.org/Organization.html>

11th International Conference on Energy Harvesting, Storage, and Transfer (EHST 2027)

Paris, France, June 8-10, 2027

Chair: B. Kruczek (University of Ottawa), W. H. Ahmed (University of Guelph)

<https://ehstconference.com/>

The 22nd International Topical Meeting on Nuclear Reactor Thermal Hydraulics (NURETH-22)

Denver, Colorado, USA, August 22-26, 2027

Organizer: American Nuclear Society

<https://www.ans.org/meetings/nureth2027/>

The 10th Asian Particle Technology Symposium (APT 2027)

Bali, Indonesia, October 18-20, 2027

Chair: H. Setyawan (Institut Teknologi Sepuluh Nopember)

<https://apt2027.org/>

The 13th JFPS International Symposium on Fluid Power

Himeji, Japan, November 2-5, 2027

Chair: Y. Sato (Yokohama National University)

<https://www.jfps.jp/net/13thjfps/index.html>

The 14th International Symposium on Measurement Techniques for Multiphase Flows (ISMTMF2027)

Muroran, Hokkaido, Japan, 2027

Chair: Y. Oishi (Muroran Institute of Technology)

(Website to be announced)

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