

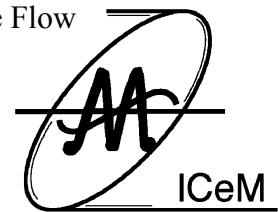


The International Information Center for Multiphase Flow

NEWSLETTER

No. 63, January 2026

The Japanese Society for Multiphase Flow



The 12th International Conference on Multiphase Flow, ICMF2025, was held in Toulouse (France) from 11 to 16 May, 2025, Toulouse, France

by Eric Climent and Catherine Colin

The 12th International Conference on Multiphase Flow, ICMF2025, was held in Toulouse (France) from 11 to 16 May, 2025 in the Pierre Baudis Conference Center and Hotel Mercure. The chairmen of the Conference were Prof. Eric Climent and Prof. Catherine Colin from the Institute of Fluid Mechanics, University of Toulouse.

Since 1995, this conference is held every 3 years in one of the three geographical areas: Europe-Africa-Russia, Americas, Asia-Australia. This is the major event for the multiphase flow community gathering researchers from all around the world as well as industrial partners.

The conference welcomed 1,220 participants. It was organized into 14 parallel sessions (910 oral presentations) and one poster session (130 posters).

Three researchers were invited to give a plenary lecture and 12 researchers to give a keynote lecture.

Alongside the classic sessions of the ICMF conferences, 9 special sessions closely related to applications were organized in collaboration with researchers from laboratories in the Toulouse area and industrial partners:

- Multiphase Flows in aeronautics (combustion - icing)
- Multiphase Flows in microgravity and space applications
- Multiphase Flows in nuclear industry
- Multiphase Flow and Water treatments
- Multiphase Flows in bio-processes and pharmaceutical applications, cosmetics
- Multiphase Flows in food industry
- Multiphase Flows for geophysical applications
- Modelling of gas-particle flows
- Smart reactors

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Everybody, who is interested in Multiphase flow, is welcome to join ICeM. Please contact one of the following board members to register in ICeM member.

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ICMF 2025 - Toulouse



Figure 1: Announcement of the 12th ICMF, held in Toulouse, France (2025).

PLENARY SPEAKERS	
• Guazzelli, Elisabeth	– MSC, Paris
• Meiburg Eckart	– University of California, Santa Barbara
• Ni Mingjiu	– Chinese Academy of Sciences, Beijing
KEYNOTE SPEAKERS	
• Popinet Stephane	– IJLR D'Alembert, Paris
• Simonin Olivier	– IMFT, Toulouse
• Ando Keita	– Keio University
• Bucci Matteo	– MIT, Boston
• Coletti Filippo	– ETH Zürich
• Wachs Anthony	– Univ. Bristish Columbia , Vancouver
• Duprat Camille	– Ladhyx, Paris
• Eckert Kerstin	– TU Dresden
• Deike Luc	– Princeton University
• Johnsen Eric	– University of Michigan
• Schlüter Michael	– TUHH, Hamburg
• Huisman Sander	– University of Twente

Figure 2: List of all invited speakers.

The governing board of ICMF awarded the Gad Hestroni award (senior award) to Professor Martin Sommerfeld (Otto-von-Guericke University Magdeburg, Germany) and the Andrea Prosperetti award (junior award) to Dr. Marco Edoardo Rosti (OISD, Okinawa

Institute of Science and Technology Japan). Three young scientists were also awarded for the best poster presentations. These awards were sponsored by Elsevier and the International Journal of Multiphase Flows and were given by the editors of IJMF, Prof. Balachandar and Prof. Soldati.

The organizers would like to sincerely thank the 12 members of the ICMF Governing Board for assisting the members of the Local Organizing Committee in the selection of invited speakers, the 88 members of the Scientific Committee for their efficient review of all the submitted abstracts, the invited speakers, session chairpersons, authors, the students who helped with the organization, the ICMF2025 sponsors and exhibitors .

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Photo 1: Ceremony of awards from left to right: M. Sommerfeld (senior award), M. Rosti (junior award), Poster awards.

Future Meetings

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

International Conference on Power Engineering (ICOPE 2026)

Hangzhou, China, April 10-12, 2026

Chair: J. Yan (Zhejiang University), T. Nakagaki (Waseda University)

<https://www.icode2026.com/>

Chair: B. Kruczak (University of Ottawa), W. H. Ahmed (University of Guelph), F. E.-Mozaffari (Toronto Metropolitan University)

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

11th International Conference on Multiphase Flow and Heat Transfer (ICMFHT 2026)

Paris, France, April 14-16, 2026

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

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

17th International Conference on Thermal Engineering (ICTEA)

Valletta, Malta, June 22-26, 2026

Chair: M. Ziad Saghir (Toronto Metropolitan University), C. Yousif (University of Malta)

<https://www.ictea.ca/>

International Conference on Materials Design and Applications (ICMDA)

Sendai, Tohoku University, April 17-20, 2026

Chair: O. Tabata (Kyoto University of Advanced Science), T. Omatsu (Chiba University)

<https://www.icmda.org/com.html>

8th International Conference on Nanomaterials Science and Mechanical Engineering

Aveiro, Portugal, July 7 – 10, 2026

Chair: R. Valente et al. (University of Aveiro)

<https://www.rsc.org/events/detail/82307/8th-international-conference-on-nanomaterials-science-and-mechanical-engineering>

The 15th ERCOFTAC workshop on Direct and Large Eddy Simulation

Delft, Netherlands, May 20 – 22, 2026

Chair: S. Hickel (TU Delft), M. Meldi (University of Lille), L. Laguarda (TU Delft), C. Russo (TU Delft), M. V. Salvetti (University of Pisa)

<https://dles.ercftac.org/dles15/>

3rd International Multiphase Flow Technology Forum (IMFTMF2026)

University of Leeds, United Kingdom, July 28-30, 2026

Chair: Timothy Hunter (University of Leeds)

<https://fluids.leeds.ac.uk/events/international-multiphase-flow-technology-forum-imftf-2026/>

15th International Colloids Conference

Sitges, Spain, June 7-10, 2026

Chair: J. Eastoe (University of Bristol)

<https://www.elsevier.com/events/conferences/all/international-colloids-conference#0-about>

18th International Heat Transfer Conference (IHTC18)

Rio de Janeiro, Brazil, August 2-7, 2026

Chair: H. Orlande (Federal University of Rio de Janeiro)

<https://ihtc18.org/>

International Conference on Fluid Flow, Heat and Mass Transfer (ICFFHMT 2026)

Barcelona, Spain, June 9-11, 2026

13th International Conference on Heat Transfer and Fluid Flow (HTFF 2026)

London, United Kingdom, August 18-20, 2026

Chair: H. Qiu (The Hong Kong University of Science

& Technology), Y. Zhang (University of Missouri), M. Iasiello (Università degli Studi di Napoli Federico II)
<https://htffconference.com/>

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>

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