

12th International Conference on Multiphase Flows ICMF 2025, Toulouse, France



Centre de Congrès Pierre Baudis, Located downtown Toulouse

IT IS OUR GREAT PLEASURE TO ANNOUNCE THE NEXT
INTERNATIONAL CONFERENCE ON MULTIPHASE FLOW,
WHICH IS TO BE HELD IN TOULOUSE, FRANCE:

May 12-16, 2025.

The 1st ICMF was held in Tsukuba, Japan in 1991 and then the 2nd was again in Japan, Kyoto in 1995. Since then, ICMF has been governed by the ICMF Governing Board, and has been held every three years in the three geographical regions in the order of Europe, America and Asia-Oceania. This conference will address all different aspects of multiphase flows from theory, to experiments and numerical modelling. This is a unique opportunity to meet all experts and discover new scientific issues and important achievements.

We are looking forward to welcoming you in Toulouse!

On behalf of the local Organizing Committee, Eric Climent & Catherine Colin



Scientific topics

- Computational Techniques for Multiphase Flows
- Particle-Laden Flows
- Modeling of Multiphase Flows
- Experimental Methods for Multiphase Flows
- Multiphase Flow in Heat and Mass Transfer
- Cavitation/Nucleation
- Bubbly Flows
- Turbulence in Multiphase Flows
- Droplet Flows
- Non-Newtonian Multiphase Flows
- Interfacial Flows
- Collision, Agglomeration and Breakup
- Mixing
- Reactive Multiphase Flows
- Instabilities
- Particle Dynamics
- Fluid-Structure Interactions
- Colloidal and Suspension Dynamics
- Environmental and Geophysical Flows
- Bio-Fluids

Specific topical sessions

- Two-phase flows in aeronautics (combustion-icing)
- Two-phase flows in spatial applications (thermal control of satellites, launcher propulsion)
- Multiphase flows related to decarbonation of energy and raw material transformations
- Boiling, condensation and complex flows in nuclear power plants
- Bio process, bio refinery
- Health and pharmacology

4 Plenary lectures, Junior / Senior awards, 12 keynote lectures, and Best Young Researcher poster award. selections will be made in agreement with the ICMF Governing Board and Int. J. Mult. Flows
More than 1000 expected attendees based on selection by the scientific committee upon short abstracts

Continuous session for the Gallery of Multiphase Fluid Motion (Pictures and Videos)
Session dedicated to Arts and Multiphase flows

Submission

Abstract Submission Due **June 30, 2024**

Abstract Acceptance Notification **Oct. 15, 2024**

Registration

Registration Opening **Oct. 1, 2024**

Deadline of Early-Bird Registration **Jan. 31, 2025**

Standard Rate **Jan. 1 - Apr. 15, 2025**

Registration will be closed when the maximum number of participants is reached.

No registration will be possible between Apr. 15 and on site registration.

Onsite Rate **May 12-16, 2025**

Organizing Committee

E. Climent (Chairperson) and C. Colin (Co-chairperson)

M. Abbas, J. Aubin, W. Benguigui, T. Bonometti, S. Cazin, B. Cuenot, N. Dorville, A. Douziech, P. Fede, P. Guiraud, F. Lamadie, C. Laurent, M. Miscovic, P. Noble, N. Odier, M. Sabater, J. Sebilliau, R. Zamansky