



Multiphase 2026

21st International Workshop on Trends in Numerical and Physical Modelling for Industrial Multiphase Flows

21st – 23rd October 2026, Enschede, the Netherlands

Call for Abstracts

Workshop subject

Multiphase flow phenomena are ubiquitous in industry. Traditionally, they can be found in fields like chemical, nuclear and oil & gas industries and, more recently, in emerging (green) fields related to the energy transition. The physics of multiphase flows is rich as it encompasses both dispersed flows, with particles, drops or bubbles, and separated or stratified flows, characterized by the presence of interfaces. Moreover, the scientific knowledge behind multiphase flow technology spans different disciplines such as fluid mechanics, ocean engineering, transport phenomena, thermodynamics, geophysics and instrumentation design. In previous editions, both fundamental and industrially relevant topics have been addressed such as sloshing, wave breaking, wave impacts, noise propagation, phase change and mixing. Multiphase aims at bringing together academia and industry, engineers and physicists, to jointly tackle today's many challenges in multiphase flow.

Call for Abstracts

Authors interested in presenting their work during the workshop are invited to send an abstract (English, 1 A4, incl. figures, pdf format) to the organizers (multiphase2026@utwente.nl).

Abstracts are expected to include either numerical simulations, experimental work, the development of original mathematical modeling or a suitable combination of them. Abstracts are not only expected to present results and achievements but may also describe unsolved problems within their context. The selection criteria will be based on the relevance of the work with regard to the workshop subject, as well as on originality and quality of the technical or scientific contribution or on the interest of the unsolved problems proposed. Final contributions to the workshop will be given through an oral presentation of 20 min. English will be the official language of the workshop.

The spirit of MULTIPHASE is based on promoting discussions, the exchange of points of views and ideas regarding complex, technical and scientific subjects, as well as to promote and inspire collaboration and cooperation between all participants.

Important Dates

Abstract Submission deadline:	May 15, 2026
Author Notification of acceptance:	June 26, 2026
Registration & Payment deadline:	August 28, 2026
Workshop:	October 21-23, 2026

Workshop Fee

A fee of 350 EUR is requested to attend the workshop. The fee includes lunch during the duration of the workshop, dinner on Wednesday and the conference dinner on Thursday.

Venue of the Workshop & Accommodation

Resort Bad Boekelo

Oude Deldenerweg 203, 7548 PM Enschede, The Netherlands.

web: <https://sheetz.nl/resortbadboekelo/en/index.html>

email: receptie.badboekelo@sheetz.nl

phone: [+31 53 428 30 05](tel:+31534283005)

The conference venue is located in the countryside surrounding the city of Enschede. Accommodation is not included in the workshop fee and it is highly recommended to book accommodation at the Resort Bad Boekelo using the website.

Organization Committee

The workshop is organized by Gaztransport & Technigaz (GTT), University of Twente (UT), and MARIN.

Devaraj van der Meer (University of Twente),

Nicolas Couty (GTT),

Rodrigo Ezeta (MARIN)

Contact

Please register using the workshop registration website. Late registrations may not be accepted. If you wish to get in contact with the organizers, please use the conference email.

Email: multiphase2026@utwente.nl

Website: <https://pof.tnw.utwente.nl/multiphase2026>

Sponsor

UNIVERSITY
OF TWENTE.

GTT
Technology for a sustainable world

MARIN

GTT
Technology for a sustainable world