



MSCA-ITN-EID COMETE 813948



Project meeting and Training school

Meeting date: **Thursday, 2 September 2021**

Host: IMP PAN Gdańsk, Poland

(event held in part jointly with the XIV Multiphase Workshop)

Venue: Wieżyca near Gdańsk, Poland

Project meeting agenda

8:45 – 9:00 Welcome to participants

C. Marchioli (project coordinator) and J. Pozorski (training school organiser / local host)

9:00 – 10:00 Individual reports from the ESRs

Each ESR will present his/her research project, recalling its objectives and the methodology used and summarizing the main results obtained so far. Presentations should last 15 minutes each and will be followed by discussion

- ESR1 Eleonora Spricigo
- ESR2 Francesca Mangani
- ESR3 Kevin Fernando Miranda Santa Cruz

10:00 – 10:15 update on progress of the ESR secondments

- Prof. Carlo Poloni (Esteco, Trieste, Italy) – online participation
- Dr. Mikael Mohaupt (EHP, Nivelles, Belgium) – online participation

10:15 – 10:35 coffee break

10:35 – 10:55 open discussion

organisation of the technical activities; issues/criticalities emerged so far

10:55 – 11:00 AOB (Prof. Cristian Marchioli)

11:00 – 11:45 seminar on “Diffuse-interface methods for two-phase flows”
(speaker: Dr. Adam Kajzer, IMP Gdańsk)

11:45 – 11:50 Comete project meeting closure

Training school agenda

The following activities will be held in the framework of the XIVth Multiphase Workshop and Summer School; see the Workshop programme (attached) for more details.

Thursday, 2 September

- 12:15 – 13:00 Point-particle simulations of complex turbulent dispersed flows.
Part I (C. Marchioli, COMETE, University of Udine)
- 14:15 – 15:15 Surface phenomena in separation of dispersed liquid contaminants using the coalescing filters (A. Krasieński, Warsaw University of Technology, Poland)
- 15:15 – 16:00 Point particle simulations of complex turbulent dispersed flows. Part II (C. Marchioli, COMETE, University of Udine, Italy)

Friday, 3 September

- 9:15 – 10:15 Heat pipes: physical principles, applications and industrial challenges (M. Mohaupt / R. Rioboo, COMETE, Euro Heat Pipes, Nivelles, Belgium)
- 10:15 – 11:00 Modelling and Direct Numerical Simulation of Multiphase Flows. Part I (F. Zonta, COMETE, TU Wien, Austria)
- 11:30 – 12:15 Modelling and Direct Numerical Simulation of Multiphase Flows. Part II (F. Zonta, COMETE, TU Wien, Austria)

Registration for the project meeting and training school

- Online participation (Zoom platform): free
Link to the event will be send beforehand to the project partners:
A. Soldati (TU Wien), C. Poloni (Esteco), M. Mohaupt & R. Roiboo (EHP)
Other participants, please refer to Prof. C. Marchioli for the access link
- In-person participation: 280 €
The joint registration fee for the project meeting and the Multiphase Workshop is to be paid by bank transfer.
In the payment title please put: "your name; COMETE meeting + Multiphase Workshop".
The fee includes accommodation starting from the Wed./Thu. night & full board till Sat. lunch

For ESRs only: before paying the fee, please register for the Workshop at imp.gda.pl/en/mf21

BANK DETAILS FOR CONFERENCE FEE PAYMENT:

Bank account owner: Instytut Maszyn Przepływowych Polskiej Akademii Nauk, ul. Fiszerza 14, 80-231 Gdańsk; NIP: 584-035-78-82

Bank Gospodarstwa Krajowego, ul. Kowalska 10, 80-846 Gdańsk

SWIFT: GOSKPLPW (only for foreign transfers)

IBAN account No.: PL 28 1130 1121 0006 5498 9520 0011

