

Workshop

“Experimental and Numerical Methods in Science”

18.06.2024 in Bergamo, Italy

Venue: Università degli Studi di Bergamo, Sant'Agostino, Sala Fornasa,
Via Fara, 24129 Bergamo

Agenda:

- | | |
|----------------------|--|
| 09:00 | Welcome (Prof. Weigand, Prof. Cossali) |
| 09:05 – 10:00 | Invited talk by Prof. Koji Hasegawa
“Droplets in Air: Interfacial Dynamics, Transport Phenomena, and Phase Change Processes” |
| 10:00 – 10:30 | Exp. Method talk 1: Pablo Molina Vogelsang
“Measurement methodology for investigating crown crater formation in the early stages after a droplet impact on a thin liquid film” |
| 10:30 – 10:45 | BREAK |
| 10:45 – 11:15 | Exp. Method talk 2: Dr. Anne K. Geppert
“Eventbased imaging applied to droplet impact processes” |
| 11:15 – 11:45 | Num. Method talk 1: Daniel Regener
“Entropy-stable discontinuous Galerkin solution of the multicomponent compressible Euler model with entropy balance enforcement” |
| 11:45 – 12:15 | Num. Method talk 2: Amalia Travnicek
“Numerical methods for compressible multi-phase simulation” |
| 12:15 – 13:15 | LUNCH |
| 13:15 – 14:30 | Ethics in Science (impulse presentation plus discussions) |
| 14:30 | Workshop Closure |