

**Sixth Workshop on
Compressible Multiphase
Flows**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Modelling of internal energy exchanges in sprays

Monday, June 17, 2024 3:30 PM (1 hour)

Presenter: CHARLES, Frédérique (LJLL, UPMC)

Contribution ID: 2

Type: **not specified**

A hyperbolic approximation of the Cahn-Hilliard model

Wednesday, June 19, 2024 10:30 AM (1 hour)

Presenter: DHAOUADI, Firas (University of Trento)

Contribution ID: 3

Type: **not specified**

Hyperbolic model of heat conduction

Monday, June 17, 2024 2:00 PM (1 hour)

Presenter: GAVRILYUK, Sergey (Aix-Marseille Université)

Contribution ID: 4

Type: **not specified**

Multi-fluid models for two-phase flows with non-equilibrium effects

Tuesday, June 18, 2024 11:30 AM (1 hour)

Presenter: HAEGEMAN, Ward (ONERA/CMAP)

Contribution ID: 5

Type: **not specified**

Investigation of isothermal Baer-Nunziato-type models

Tuesday, June 18, 2024 9:00 AM (1 hour)

Presenter: MÜLLER, Siegfried (RWTH Aachen University)

Contribution ID: 6

Type: **not specified**

A fully closed one dimensional model for two-phase flows

Wednesday, June 19, 2024 11:30 AM (1 hour)

Presenter: PERRIER, Vincent (Inria)

Contribution ID: 7

Type: **not specified**

Hydrodynamics of thin films as a tool to explain soap film life and death

Tuesday, June 18, 2024 10:30 AM (1 hour)

Presenter: RIO, Emmanuelle (Université Paris-Saclay)

Contribution ID: 8

Type: **not specified**

Homogenization of compressible Liquid-Vapour Flow in Porous Media Domains

Tuesday, June 18, 2024 2:00 PM (1 hour)

Presenter: ROHDE, Christian (Stuttgart University)

Contribution ID: 9

Type: **not specified**

Large-scale simulation of wetting phenomena based on a diffuse contact line model

Wednesday, June 19, 2024 9:00 AM (1 hour)

Presenter: VILLEDIEU, Philippe (ONERA)

Contribution ID: 10

Type: **not specified**

Hyperbolicité d'un modèle diphasique déséquilibré en vitesse

Monday, June 17, 2024 4:30 PM (30 minutes)

Presenter: LAZARE, Gauthier (EDF & Université de Strasbourg)

Contribution ID: 11

Type: **not specified**

Loi d'état triphasique de l'étain

Tuesday, June 18, 2024 3:30 PM (30 minutes)

Presenter: STÉPHAN, Corentin (CEA & Université de Montpellier)