

GAMM2025

Tuesday 8 April 2025

S11: Interfacial flows: S11.01 - Room 1.28 (16:30 - 18:30)

-Conveners: Dirk Lucas; Jacek Pozorski

time	[id] title	presenter
16:30	[274] Arbitrary Lagrangian-Eulerian surface discretizations for self-evolving Navier-Stokes manifolds	SAUER, Roger
16:50	[275] Two-Phase Flow Simulations Using Adaptive Time Refinement for Injection Molding Applications	FABÓN, Blanca Ferrer
17:10	[276] Advanced modelling of fibre dynamics in a transparent substitute liquid using the Jeffrey equation and PIV analysis	VAUPEL, Tim
17:30	[277] Diffuse interface method for two-phase flows: development and validation, towards phase change modelling	POZORSKI, Jacek
17:50	[278] Phase-field modeling and computation of N-phase mixture flows	TEN EIKELDER, Marco

Wednesday 9 April 2025

S11: Interfacial flows: S11.02 - Room 1.28 (08:30 - 10:10)

-Conveners: Dirk Lucas; Jacek Pozorski

time	[id] title	presenter
08:30	[279] High order Sharp Interface numerical methods for multiphase flows	KUMMER, Florian
09:10	[280] Modelling multiscale multiphase flows with the MultiMorph Model	LUCAS, Dirk
09:30	[281] Evolution of local bubble characteristics in a pressurised pneumatic flotation cell	ZÜRNER, Till
09:50	[282] Consistency of pseudopotential lattice Boltzmann methods in two-phase flow simulations of droplet dynamics	CZELUSNIAK, Luiz Eduardo