

JMBC — Multiphase flow and phase transitions course (V3)

Session	Monday - 27 February 2023	Tuesday - 28 February 2023	Wednesday - 1 March 2023	Thursday - 2 March 2023	Friday - 3 March 2023
09:00–10:30		Federico Toschi Lattice Boltzmann	Alvaro Marin <i>Microscopy measurements for multiphase flows</i>	Bert Vreman <i>Electrolysis (numerics)</i>	Corinna Maaß <i>Active soft matter - Self propulsion at low Re</i>
11:00–12:30	Detlef Lohse <i>Cavitation and bubbles</i>	Roberto Verzicco <i>Immersed boundary method</i>	Christian Diddens <i>Finite element method</i>	Kay Buist <i>MRI measurement for multiphase flows</i>	Mazi Jalaal <i>Rheology of complex fluids</i>
12:30–14:00	Lunch	Lunch	Lunch	Lunch	
14:00–15:30	Noushine Shahidzadeh <i>Solidification and crystallization</i>	Valeria Garbin <i>Bubble dynamics in soft matter</i>	Jeff Wood <i>Electrolysis (fundamental)</i>	Angeliki Laskari <i>Particle imaging velocimetry for multiphase flows</i>	
16:00–17:30	Sander Huisman <i>Multiphase Taylor–Couette flows</i>	Johan Padding <i>Flow of Brownian suspensions</i>	Rui Yang <i>Phase field method</i>	Christian Poelma <i>X-ray + ultrasound measurements for multiphase flows</i>	
			Morgan Li <i>Laser/phase Doppler anemometry</i>		