

Austrian-Slovenian HPC Meeting 2026 – ASHPC26

Thursday, 9 April 2026

ASHPC26 Session 8: ASHPC26 Session 8 - TUtheSky (11th floor) (16:00 - 17:15)

-Conveners: Jure Borišek

time	[id] title	presenter
16:00	[128] General Matrix-Matrix Multiplication and NVIDIA Tensor Cores Applied to the Lattice Boltzmann Method	ROTT, Relindis
16:15	[129] GPU algorithm for efficient runtime detection of coalescence and breakup events in phase-field multiphase flows	ENZENBERGER, Lea
16:30	[130] Numerical analysis of electrocoagulation using computational fluid dynamics for sustainable water treatment	TAHREEN, Amina
16:45	[131] HPC-Enabled AI-Agent-Driven Digital Twin Framework for Real-Time Exergoeconomic Optimization of PV-Supported Thermal Energy Systems	RAJIC, Antonija
17:00	[132] High-Fidelity Flow Simulations empowered by HPC	MIZAN, Muhammad