



# Austrian-Slovenian HPC Meeting 2026 – ASHPC26

## Friday, 10 April 2026

### ASHPC26 Session 10: ASHPC26 Session 10 - TUtheSky (11th floor) (11:00 - 12:30)

-Conveners: Janez Povh

time	[id] title	presenter
11:00	[137] Performance-Portable Particle-in-Cell with Multigrid Solvers on Heterogeneous CPU–GPU Node	VASILESKA, Ivona
11:15	[138] LAMMPS Molecular Dynamics Simulations of Laser-induced Periodic Surface Structure Formation: Removal of desorbed atoms between Laser Shots	WEBER, Matthias
11:30	[139] Time-Series Forecasting and Alert Classification for Proactive IT Infrastructure Monitoring	DÉNES, Márk
11:45	[140] Supporting file intensive AI Workloads on High Performance Computing	TAMÁS, István
12:00	[141] Innovative Expansion of HPC Infrastructure for Scalable AI Inference Using MACx GPUs	PAHOR, Tristan
12:15	[142] HPC-Enabled LLM Fine-Tuning and Machine Translation of Legal Texts on LEO5	TRKLJA, Aleksandr