



# EuroHPC Summit Week 2022

## Wednesday, March 23, 2022

### Numerical Methods, Tools and Libraries for HPC - Room 2 (2:30 PM - 4:00 PM)

-Conveners: Sever Hirstoaga

time	[id] title	presenter
2:30 PM	[M01] Hybrid Parallelization of Particle-Field Coupled Plasma Simulations based on MPI-3 Shared Memory	COPPLESTONE, Stephen
2:48 PM	[M02] Lattice-Boltzmann CFD simulation at Exascale	TEXIER, Jérôme
3:06 PM	[M03] Fast deterministic numerical methods for the quantum Boltzmann-Nordheim equation	MOUTON, Alexandre
3:24 PM	[M04] Investigating trade-offs in anelastic waveform tomography for global-scale models	ESPINDOLA, Armando
3:42 PM	[M05] Porting HPCG to Heterogeneous HPC systems	PAPAEFSTATHIOU, Ioannis