

TOK/MHD Retreat 2025

Wednesday 7 May 2025

Poster Session II: Poster Session II - Beilngries (15:30 - 18:00)

time	[id] title	presenter
15:30	[149] Reduced Precision in GENE	PFEILER, Carl-Martin
15:30	[150] Recent developments in core/edge PIC simulations	BOTTINO, Alberto
15:45	[151] ECRH and ECCD Studies for DEMO and for a Volumetric Neutron Source (VNS)	POLI, Emanuele
15:45	[152] Spontaneous Evolution from Electron-only to Standard Reconnection	REN, Jincai
16:00	[154] Gyrokinetic pedestal studies varying shaping in AUG	SHEFFIELD HEIT, Facundo
16:00	[153] Modelling the heating of a pellet-produced plasmoid in the non-linear MHD Code Jorek	ROGGE, Carl Wilhelm
16:15	[156] Status update for PICLS	STIER, Annika Lisa
16:15	[155] GPU acceleration of geometric multigrid solver in PARALLAX	STEGMEIR, Andreas
16:30	[158] TSVV-04 — Gyrokinetic / Kinetic Codes for the Edge and SOL	TOLD, Daniel
16:30	[157] Multispecies Momentum Conserving Lorentz Collision Operator	SULIMRO, Andrew Ivan
16:45	[159] Studying Earth's bow shock using MMS observations and PIC simulations	VILLAFLORE, Valentina
16:45	[160] Particle acceleration in relativistic turbulence	WANG, Jieshuang
17:00	[161] Mean-Field MHD turbulence: Importance of the cross-helicity dynamo in accretion disks and Jet Velocity	WIDMER, Fabien
17:00	[162] L-H power scan with GRILLIX	ZHOLOBENKO, Wladimir
17:15	[163] Towards the application of the gyrokinetic code GENE-X to tokamak scrape-off-layer turbulence	TAO, Yantong