

Poster Session 1 (Tuesday 3/10/2023, 16:00 - 18:00)

Code	ID	Presenter	Title
P1.1	#1	Nicolas Lopez	New solution to Airy's equation for describing electromagnetic beams near turning points
P1.2	#10	Karima Bendib-Kalache	Nonlocal transport theory in relativistic plasmas
P1.3	#11	Chiara De Piccoli	NBI energetic particle confinement and orbit characterization for Divertor Tokamak Test plasma scenarios
P1.4	#13	Annika Stier	Towards electromagnetic simulations with the gyrokinetic full-f code PICLS
P1.5	#15	Will Clarke	Alfvénic instability and critical balance in ion-scale electromagnetic turbulence driven by electron temperature gradient
P1.6	#17	Felix Antlitz	Hybrid kinetic-MHD simulations of the fishbone instability with JOEK
P1.7	#21	Stefan Mijin	ReMKIT1D – A novel framework for building 1D reactive multi-fluid models of the Scrape-Off Layer with kinetic electrons
P1.8	#25	Nicholas Vivenzi	Viscosity profile studies in 3D non-linear MHD modeling of RFP fusion plasmas
P1.9	#28	Christos Tsironis	Beam-tracing analysis of EC-assisted breakdown and high-frequency core heating in various DEMO scenarios
P1.10	#30	Mattia Dicorato	Gyrokinetic Simulations of JET Pedestal Top Plasmas in Different Regimes
P1.11	#31	Luca Spinicci	3D boundary flow impact in modelling free-boundary instabilities with resistive-shell-based boundary conditions in the nonlinear MHD code SPECYL
P1.12	#32	Riccardo Ragona	Parametric Decay Instabilities in Electron Cyclotron Wall Conditioning: Comparison Between Models and Experiments
P1.13	#33	Paul Costello	Optimal modes of gyrokinetic free energy growth with trapped electrons
P1.14	#34	Andrei Ludvig-Osipov	An efficient conservative solver for plasma transport equations in tokamaks
P1.16	#37	Pietro Vincenzi	Characterization of L-H transition density branches in JET D-T plasmas through a power balance analysis
P1.17	#41	Zetao Lin	Analysis of Impurity Clustering in the Edge Plasma of Tokamaks
P1.18	#73	Nicolas Dubuit	Magnetic Structure of Turbulence-Driven Magnetic Islands
P1.19	#43	Yen Chen Chen	Neural Network for Magnetohydrodynamic Simulations
P1.20	#44	Lukas Baehner	Pitch Angle Averaged Quasi-Linear Operator for ICRH
P1.22	#46	Vincent Maquet	First Attempt to Describe Ponderomotive Effects in front of an ICRH launcher using HFSS
P1.23	#47	Marco Veranda	The role of plasma flow on quasi-helical states in reversed-field pinches
P1.24	#48	Zhixin Lu	Piecewise field-aligned finite element method in particle simulations
P1.25	#49	Peter De Lucca	Simulation of electromagnetic effects in boundary turbulence with the GBS code
P1.27	#65	Yannis Kominis	Quantification and Comparison of Magnetic and Kinetic Chaos in Toroidal Plasmas
P1.28	#94	Daniela Grasso	Linear and nonlinear analysis of magnetic reconnection driven by a runaway current
P1.29	#95	Joachim Jacques Koerfer	Advanced modelling of heavy impurity tokamak transport in rotating 3D magnetic fields
P1.30	#101	Vandana Dwarka	Towards Robust Numerical Solvers for Nuclear Fusion Simulations Using JOEK: A Numerical Analysis Perspective

Regular poster contribution

Eligible for the selection of best poster presentations by young researches (MSc & PhD students / PhD degree in 2023)