

**Session 2 (Wednesday 4/10/2023, 16:00 - 18:00)**

Code	ID	Presenter	Title
P2.1	#7	Boumediene Touil	Effects of the nonlinear inverse bremsstrahlung absorption on the dispersion and damping of electron plasma waves
P2.2	#19	Alessandro Zocco	Maximum-J properties for finite- $\beta$ collisionless microinstabilities in general geometry
P2.3	#24	Felix Parra	Linear equations for stellarator local MHD equilibria around irrational and rational flux surfaces
P2.4	#51	Guo Meng	A solver for energetic particles transport in constants of motion space with collision and phase space zonal structures in tokamak plasmas
P2.5	#90	Antoine Pierre Emmanuel Merle	Implementation of an analytical Jacobian in the MEQ free-boundary tokamak equilibrium code suite
P2.6	#54	Nicolas Dubuit	Turbulence driven magnetic islands in high- $\beta$ plasmas: generation and non-linear dynamics
P2.7	#56	Maria Filomena Ferreira Nave	Modelling Intrinsic Rotation Reversals in JET Plasmas
P2.8	#57	Björn Zaar	Importance of Parallel Dispersion in ICRF Modelling of Travelling Wave Antenna Concept in DEMO-Like Plasmas in 2D Axisymmetry
P2.9	#59	Susanna Cappello	Reconnection processes in 3D MHD modeling of Reversed Field Pinch magnetic self-organization
P2.10	#61	Barbara Momo	Description of magnetic field lines without arcana
P2.11	#62	José Luis Velasco	Robust stellarator optimization via flat mirror magnetic fields
P2.12	#63	John Omotani	Demonstration of moment-kinetics approach for edge modelling
P2.13	#67	Michael Richard Hardman	$E \times B$ drift physics on open field lines in a drift-kinetic model
P2.14	#68	Alexandre Halbach	Plasma edge simulations using Sparselizard C++ finite element library
P2.15	#69	Yann Narbutt	Simulation of fully global electromagnetic turbulence in the stellarator W7-X
P2.16	#70	Mantas Abazorius	Kinetic Analysis of the collisional layer
P2.17	#71	Philippe Lamalle	Integral dielectric kernels for Maxwellian tokamak plasmas
P2.18	#42	Noah Chulu Chinn	Investigation of the Various Damping Channels of TAEs applied to Spherical Tokamaks
P2.19	#74	Serafeim Misdanitis	Preliminary assessment of deterministic kinetic modeling for neutral particles in the JET sub-divertor
P2.20	#75	Sarah Newton	Enrichment of impurities seeded for exhaust control in spherical tokamak power plant geometry
P2.21	#78	Christoph Slaby	RF-NBI schemes for fast-ion generation in the next operation phases of Wendelstein 7-X
P2.22	#79	Alan Goodman	Finding Stable Quasi-Isodynamic Designs (SQIDs) for Stellarators
P2.23	#80	Javier Escoto	Fast evaluation of the bootstrap current in stellarators
P2.24	#82	Guillermo Luis Godino Sedano	Quasi-isodynamic stellarator optimisation for several periodicities
P2.25	#84	Christos Tsironis	Breakdown time estimation for EC-assisted start-up in tokamaks
P2.26	#87	Hugo de Blank	SOLPS-ITER modelling of plasma rotation with co-rotating atoms in the Magnum-PSI beam
P2.27	#52	Romain Fattersack	Implementation of complex magnetic geometries in the multi-fluid code EDGE2D-Eirene
P2.28	#91	David Korger	Modulational instability in isolated dynamics of Geodesic-Acoustic-Mode packets
P2.29	#96	Dario Borgogno	Electron temperature effects on plasmoids and Kelvin-Helmholtz vortices in collisionless turbulent plasmas
P2.30	#98	Yevgen Kazakov	Application of three-ion ICRF scenarios for optimizing ion heating in the ramp-up phase in future tokamaks

Regular poster contribution

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