

Contributed papers - Varenna 2012

	<b>Name</b>	<b>Title</b>
P-01	B. Mc Millan	Gyroscale momentum transport and system-scale flow generation
P-02	J. Citrin	Quasilinear transport modelling at low magnetic shear
P-03	S. Brunner	Study of Non-Adiabatic Response of Passing Electrons in ITG and TEM microturbulence
P-04	Y. Kazakov	Poloidal Asymmetries of the Impurity Density due to Ion Cyclotron Resonance Heating in Tokamaks
P-05	W. Hornsby	Gyro-kinetic calculation of neoclassical parallel momentum transport
P-06	D. Pfefferlé	Exploitation of a general-coordinate guiding centre code for the redistribution of fast ions in deformed hybrid tokamak equilibria
P-07	M. Schneller	Nonlinear Alfvénic Fast Particle Transport and Losses
P-08	S. Nowak	Evidence of Neoclassical Toroidal Viscosity on the Neoclassical Tearing Modes in TCV tokamak
P-09	B. Borgogno	Magnetic island evolution under the action of electron cyclotron current drive
P-10	C. Nührenberg	Free-boundary perturbed MHD equilibria
P-11	L. Comisso	Fast gyrofluid reconnection in high temperature plasmas
P-12	D. Brunetti	MHD properties in the core of ITER-like hybrid scenarios
P-13	G. Dif-Pradalier	Edge Localised Modes & Resonant Magnetic Perturbations using JOREK
P-14	S. Jolliet	Global three-dimensional Fluid SOL simulations with aspect ratio effects
P-15	A. Kómár	Interaction of whistler waves and runaway electrons in the near-critical electric field limit
P-16	T. Hellsten	A dielectric response model for FEM solutions of ICRF wave fields
P-17	R. Bilato	Implementing zero-banana-width quasilinear operator for fast ICRF simulations
P-18	A. Cardinali	General Approach for Deriving Reference Distribution Functions for Systems out of Equilibrium by Statistical Thermodynamics
P-pd1	M. Komm	3D PIC simulations of plasma interaction with gaps between divertor tiles for varying magnetic field orientation
P-pd2	C. Castaldo	A Parametric Analysis of Nonlinear LH Effects
P-19	N. Miyato	The gyrokinetic model in the long wavelength regime
P-20	A. Bottino	Fluid moments and spectral diagnostics in global particle-in-cell simulations
P-21	J. Proll	Gyrokinetic TEM stability calculations for quasi-isodynamic stellarators
P-22	L. Villard	Global gyrokinetic ITG turbulence simulations of ITER
P-23	S. Tholerus	Monte-Carlo model for nonlinear interactions of Alfvén eigenmodes with energetic ions
P-24	M. Hoelzl	Coupling JOREK and STARWALL for Non-linear Resistive-wall Simulations: Status and First Results
P-25	D. Grasso	Diamagnetic effects in gyrofluid collisionless magnetic reconnection
P-26	A. Perona	Analysis of three-dimensional inertial magnetic reconnection effects on the electron dynamics
P-27	E. Tassi	Hamiltonian structure, stability analysis and variational derivation of a reduced four-field model for tokamak plasma dynamics
P-28	M. Veranda	Helical features in nonlinear 3D MHD simulations of reversed-field pinch
P-29	O. Zacharias	Gyrokinetic simulations of collisionless tearing modes
P-30	P. Ghendrih	Turbulence, transport and diffusion in the edge plasma
P-31	W. Weymiens	Bifurcation theory of a 1-dimensional transport model for the L-H transition
P-32	J. Abiteboul	Turbulent momentum transport in core tokamak plasmas and penetration of scrape-off layer flows
P-33	O. Maj	Coupling the beam tracing code TORBEAM and the Fokker-Planck solver RELAX for fast electrons
P-34	F. Ceccherini	Compressional waves propagation in an FRC configuration
P-35	D. Melazzi	Fusion modeling approach for novel plasma sources
P-36	R. Cesario	Prospect of lower hybrid current drive for ITER
P-37	F. Jaulmes	Modelling of the evolution of the electromagnetic fields during a sawtooth collapse
P-pd3	D. R. Hatch	Eigenmode Analysis of Four Dimensional Kinetic Slab Ion Temperature Gradient Driven Turbulence
P-pd4	A. Sen	Control of Major Disruptions in ITER