Poster presentations
Session 2 (11/10/17, 15.00 – 17.00)

[P2.1]

Pavlos Xanthopoulos (Max Planck Institut für Plasmaphysik, Germany)
Gyrokinetic simulation of micro-turbulence in stellarators

[P2.2]

Daniele Brunetti (Istituto Fisica del Plasma, Italy)
Analytic characterisation of infernal type instabilities in tokamak as with large edge pressure gradients

[P2.3]

Allah Rakha (Barcelona Supercomputing Center, Spain)
Modelling of Alfvén modes properties in TJ-II plasmas

[P2.4]

Stefan Buller (Chalmers University of Technology, Sweden)
Ion composition effects on neoclassical transport in density pedestals

[P2.5]

Loukas Vlahos (Aristotle University of Thessaloniki, Greece)
On the limits of the quasilinear evolution of ions interacting with Alfven waves in a magnetised plasma

[P2.6]

Ksenia Aleynikova (Max Planck Institut für Plasmaphysik, Germany)
Quantitative study of kinetic ballooning mode theory in magnetically confined toroidal plasmas

[P2.7]

Fotis Bairaktaris (National Technical University of Athens, Greece)
Advanced homogenization approach for a plasma dielectric mixture: Case of a turbulent tokamak

[P2.8]

Hugo de Blank (Dutch Institute for Fundamental Energy Research, Netherlands)
Electromagnetically consistent model of complete reconnection

[P2.9]

Iulian Miron (Institute for Laser, Plasma and Radiation Physics, Romania)
Modelling the effect of resonant magnetic perturbations on neoclassical tearing modes

[P2.10]

Alessandro Biancalani (Max Planck Institut für Plasmaphysik, Germany)
Nonlinear gyrokinetic investigation of energetic particle-driven geodesic acoustic modes

[P2.11]

Eduard Reiter (University of Innsbruck, Austria)
Full-F gyrofluid modelling of blob-impurity interaction in the tokamak SOL

[P2.12]

Laurent Villard (École Polytechnique Fédérale de Lausanne, Switzerland)
Global features of gyrokinetic simulations with sources

[P2.13]

Fabien Widmer (Institut de Recherche sur la Fusion Magnétique, France)
Neoclassical island control with stiff temperature model

[P2.14]

Nathan Howard (Massachusetts Institute of Technology, United States)
Multi-scale gyrokinetic simulation of L and H-mode plasma conditions in the Alcator C-Mod tokamak

[P2.15] 🅰

Michael Hardman (University of Oxford, United Kingdom)

Modelling coupled ion and electron scale turbulence in magnetic confinement fusion plasmas

[P2.16] 🅰 ℙ

Iason Valvis (National Technical University of Athens, Greece)

Scattering of radio frequency waves by cylindrical blobs in the plasma edge in tokamaks

[P2.17] 🅰

Konsta Särkimäki (Aalto University, Finland)

Mechanics of ELM control coil induced alpha particle transport

[P2.18] 🅰 ℙ

Stefan Mijin (Imperial College London, United Kingdom)

A fully implicit kinetic code for parallel electron transport in the SOL

[P2.19] 🅰 ℙ

Peter Donnel (Institut de Recherche sur la Fusion Magnétique, France)

A multi-species collision operator for gyrokinetic codes

[P2.20] 🅰

Klaus Hallatschek (Max Planck Institut für Plasmaphysik, Germany)

Study of collisional effects on GAMs and zonal flows

[P2.21] 🅰

Paulo Rodrigues (Instituto Superior Technico Lisboa, Portugal)

Local, up-down asymmetrically shaped, analytical tokamak-equilibrium model

[P2.22] 🅰

Chris Dritselis (University of Thessaly, Greece)

Numerical modeling of dust transport in a tokamak plasma