



17th European Fusion Theory Conference

9 - 12 October 2017, Athens - Greece

EFTC 2017

Poster presentations

Session 1 (10/10/17, 15.00 – 17.00)

P1.1

Ian Abel (Chalmers University of Technology, Sweden)

[Kinetic modelling of the edge of fusion plasmas](#)

P1.2

Elnaz Safi (University of Helsinki, Finland)

[Plasma impurity co-bombardment effects on sputtering of Beryllium and Tungsten](#)

P1.3

Daniela Grasso (Polytecnico di Torino, Italy)

[ECCD magnetic island suppression as converse of a forced reconnection problem](#)

P1.4

Ajay Jayalekshmi – Chandrarajan (École Polytechnique Fédérale de Lausanne, Switzerland)

[How non-adiabatic passing electron dynamics and density of mode rational surfaces affect turbulent transport in magnetic fusion plasmas](#)

P1.5

Dick Hogeweyj (Dutch Institute for Fundamental Energy Research, Netherlands)

[Separating the effects of heating and current drive on NTM evolution in TCV](#)

P1.6

Dimitris Kaltsas (University of Ioannina, Greece)

[Hamiltonian construction of translationally symmetric extended MHD with equilibrium applications](#)

P1.7

Jason Parisi (University of Oxford, United Kingdom)

[Extending critical balance to ITG turbulence with flow shear in fusion plasmas](#)

P1.8

Tünde Fülöp (Chalmers University of Technology, Sweden)

[Runaway dynamics in disruptions: sliding and screening](#)

P1.9

Samuel Lanthaler (École Polytechnique Fédérale de Lausanne, Switzerland)

[Linear kinetic-MHD stability of internal modes in toroidally rotating plasmas](#)

P1.10

Ivan Calvo (CIEMAT Madrid, Spain)

[Tangential magnetic drift, tangential electric field and their impact on stellarator radial neoclassical transport](#)

P1.11

Pierre Manas (Max Planck Institut für Plasmaphysik, Germany)

[Energy confinement in He and D plasmas: on the role of central electron heating](#)

P1.12

Aristeides Papadopoulos (National Technical University of Athens, Greece)

[Propagation of radio frequency waves through spatially modulated interfaces in the plasma edge in tokamaks](#)

P1.13

Alessandro Cardinali (ENEA Centro Ricerche Frascati, Italy)

[Semi-analytical inspection of the quasi-linear absorption of RF in presence of alpha-particles in tokamak reactor](#)

P1.14

Andreas Kleiner (École Polytechnique Fédérale de Lausanne, Switzerland)

[Ideal saturated 3D external kink structures in quiescent H mode plasmas](#)

P1.15

Achilleas Evangelias (University of Ioannina, Greece)

[Analytic anisotropic-pressure equilibria with incompressible flow in helically symmetric geometry](#)

P1.16

Emmanuel Lanti (École Polytechnique Fédérale de Lausanne, Switzerland)

[An improved hybrid electron model for global gyrokinetic simulations using the ORB5 PIC code](#)

P1.17

Yanick Sarazin (Institut de Recherche sur la Fusion Magnétique, France)

[Multi-scale issues in fusion plasmas: synergy between turbulence and neoclassical transports](#)

P1.18

Michail – Savvas Anastopoulos – Tzanis (University of York, United Kingdom)

[3D perturbative ideal MHD stability in tokamak plasmas](#)

P1.19

Herve Guillard (Institut National de Recherche en Informatique et en Automatique, France)

[Grid generation for fusion applications](#)

P1.20

Virgil Baran (Institute for Laser, Plasma and Radiation Physics, Romania)

[Evolving the ion temperature gradient driven turbulence with test modes](#)

P1.21

Spyridon Aleiferis (Foundation of Research and Technology Hellas, Greece)

[On the gradB and ExB drifts of alphas in burning plasmas](#)

P1.22

Dario Borgogno (Polytecnico di Torino, Italy)

[Test-electron analysis of magnetic reconnection topology](#)