

27th IAEA Fusion Energy Conference - IAEA CN-258

Thursday, October 25, 2018

P5 Posters (8:30 AM - 12:30 PM)

[id] title	presenter	board
[420] The Effect of Pressure Anisotropy on Ballooning Modes in Tokamak Plasmas	Dr HOLE, Matthew John	
[349] Nonlinear MHD simulations of Quiescent H-mode in ASDEX-Upgrade and ITER	Dr LIU, FENG	
[715] Physics and Engineering Design for Chinese First Quasi-axisymmetric Stellarator(CFQS)	Prof. XU, Yuhong	
[279] NTM Excitation by Sawtooth Crashes and the Suppression of their Onset by Resonant Magnetic Perturbation	Prof. GÜNTER, Sibylle	
[38] First Plasma Scenario Development for HL-2M	Prof. SONG, Xianming	
[434] Plasma transport in linear and helical multiple-mirror systems	Prof. BURDAKOV, A.V.	
[141] Resistive Wall Mode physics and control challenges in JT-60SA high β_N scenarios	Dr PIGATTO, Leonardo	
[408] Plasma confinement and pedestal dynamics responses to impurity seeding in HL-2A H-mode plasmas	Dr ZHONG, Wulyu	
[512] Negative Triangularity Effects on Tokamak MHD Stability	ZHENG, Linjin	
[174] Gyrokinetic Modeling with an Extended Magnetic Equilibrium including the Edge Region of Large Helical Device	Dr MORITAKA, Toseo	
[173] Ion kinetic effects on MHD instabilities in high beta LHD plasmas	Dr SATO, Masahiko	
[186] Simulation of the internal kink mode in visco-resistive regimes	Mr MENDONCA, Jervis	
[324] Localized modulation of turbulence by magnetic islands on HL-2A tokamak	JIANG, Min	
[663] Numerical Relaxation of a 3D MHD Taylor-Woltjer State Subject to Abrupt Expansion	Mr MUKHERJEE, Rupak	
[694] Characteristics of electromagnetic turbulence on KTX experiment device	Dr MAO, Wenzhe	
[541] Pedestal dynamics in inter-ELM phase on HL-2A tokamak	Dr CHENG, Jun	
[53] Influence of electron cyclotron resonance heating on ion heat conductivity in T-10 plasma	Mr NURGALIEV, Maxim	
[384] Ecton Mechanism of Energy Load on ITER-grade Tungsten Limiter T-10 Tokamak and Forecast for ITER.	Mr KHIMCHENKO, Leonid	
[389] Plasma equilibrium reconstruction of JET discharges using the IMAS modelling infrastructure	Dr COELHO, Rui	
[61] Role of NTV particle flux in density pumpout during ELM control by RMP	Dr LIU, Yueqiang	
[504] Effects of magnetic perturbations on magnetic field stochastication during edge pedestal collapse	Dr KIM, Juhyung	
[503] Effect of LBO-seeded Impurity on ELMs in the HL-2A tokamak	Dr ZHANG, Yipo	
[500] Energetic-ion Driven Toroidal and Global Alfvén Eigenmodes on HL-2A	Mr SHI, Peiwan	

[215] Stability and Confinement Studies in the Gas Dynamic Trap	Dr PRIKHODKO, Vadim	
[50] Nonlinearly Saturated Ideal Magnetohydrodynamic Equilibrium States with Periodicity-Breaking in Stellarators	Dr LÓPEZ-BRUNA, Daniel	
[218] Peculiar Properties of Disruptions on T-10 Tokamak at Different Edge Safety Factor Values	RYZHAKOV, Dmitriy	
[58] Electric potential and turbulence in OH and ECRH low-density plasmas	Dr MELNIKOV, Alexander	
[530] Centrifugal force driven low frequency modes in spherical tokamak	Dr HAO, G.Z.	
[309] Suppression and destabilization of ion fishbone activities on HL-2A	Dr CHEN, Wei	
[302] Real-time control system of neoclassical tearing modes in the HL-2A tokamak	Dr YAN, Longwen	
[303] Equilibrium Pressure-Driven Current in the Presence of a Small Magnetic Island: Singular Behavior and Symmetry Effects	REIMAN, Allan	
[569] Comparative simulations of the plasma response to RMPs during ELM-crash mitigated and suppressed phases in KSTAR	Dr PARK, Gunyoung	
[567] Aditya up-gradation equilibrium study	Mrs SHARMA, Deepti	
[566] Nonlinear evolution of multi-helicity neoclassical tearing modes in HL-2A low rotation plasmas	Dr Ji, Xiaoquan	
[114] Sandpile modelling of pellet pacing in fusion plasmas	Mr BOWIE, Craig	
[153] A power-balance model of density limit in fusion plasmas	Dr ZANCA, paolo	
[5] Thermal energy confinement at the Globus-M spherical tokamak.	Dr KURSKIEV, Gleb	
[483] Gyrokinetic-MHD coupled simulation of RMP plasma interaction reproduces density pump-out seen in the tokamak edge	Dr HAGER, Robert	
[476] Electromagnetic Analysis of APPEL Linear Device Magnets	Ms PATIL, Y	
[743] Roles of RMP-induced Changes of Radial Electric Fields in ELM Suppression	LIN, Zhihong	
[93] Nonlinear Dynamics of Tearing Mode Driven by Static and Rotating External 3D Fields	Dr INOUE, Shizuo	
[386] Endogenous Magnetic Reconnection and Associated Processes of Relevance to Fusion Burning Plasmas	SUGIYAMA, Linda	
[291] Effects of Microtearing Modes on the Evolution of Electron Temperature Profiles in High Collisionality NSTX discharges	Dr POLI, Francesca	
[542] Development of the q=1 Advanced tokamak Scenarios in HL-2A	Prof. LIU, YI	