

27th IAEA Fusion Energy Conference - IAEA CN-258

Tuesday, October 23, 2018

P2 Posters (2:00 PM - 6:45 PM)

[id] title	presenter	board
[140] Comprehensive magnetohydrodynamic hybrid simulations of fast ion losses due to the fast ion driven instabilities in the Large Helical Device	Dr SEKI, RYOSUKE	
[597] Characterization of Particle Growth and Enhancement of Sputtering Yields in a Co-generated Dusty Plasma	Dr PRAMANIK, JYOTIRMOY	
[527] Simulation of Toroidicity-Induced Alfvén Eigenmode Excited by Energetic Ions in HL-2A Tokamak Plasmas	Dr HE, Hongda	
[520] Leak Width in a Multi-cusp Field Configuration: A Revisit with a Versatile Experimental device	Ms SHARMA, Meenakshee	
[449] A promising grassy ELM regime for high-performance steady-state operations with metal wall in EAST and CFETR	Dr XU, Guosheng	
[448] Analysis of energetic particle driven toroidal Alfvén eigenmodes in CFETR baseline scenario	Dr HOU, Yawei	
[108] Global gyrokinetic multi-model simulations of ITG and Alfvénic modes for tokamaks and the first operational phase of Wendelstein 7-X	Dr KLEIBER, Ralf	
[35] Nonlinear decay and plasma heating by toroidal Alfvén eigenmodes	Dr QIU, Zhiyong	
[254] Effect of Cathode Geometry on Magnetically Coupled Hollow Cathode Plasma Source	Mr BHUVA, Montu	
[336] Advances in Plasma-Wall Interaction Control for H-mode Operation over 100s with ITER-like Tungsten Divertor on EAST	Dr WANG, Liang	
[745] Design and Qualification of Precision Support Structure for Diagnostics	Mr PADASALAGI, Shrishail	
[553] Tungsten control in NBI-dominant H-mode discharges in EAST tokamak	Dr ZHANG, Ling	
[610] Effect of the Controlled Density Gradient on Equilibrium and Confinement in a Simple Toroidal Device with two plasma sources	Mr KUMAR, Umesh	
[200] Comparison of energetic particle radial transport between single-n and multiple-n simulations of Alfvénic modes	VLAD, Gregorio	
[405] Radial Characteristics of a Magnetized Plasma Column	Mr DAS, Satadal	
[700] Advanced energetic ion and impurity ion physics in 2D and 3D magnetically confined plasmas	Dr GRAVES, Jonathan	
[702] Simulation Study of Heat Transport with On-Off Axis ICRH in Thailand Tokamak Using BALDUR Code	Ms PROMPING, Jiraporn	
[396] Numerical simulations of GAE stabilization in NSTX-U	Dr BELOVA, Elena	
[246] Progress towards Development of Long Pulse ITER Operation through RF Heated H-mode Experiments on EAST and HL-2A	Dr EKEDAHL, Annika	
[511] E _r xB shear effect on cross phase mitigates ELM at high collisionality	Dr KONG, Defeng	
[515] Imaging of SST-1 plasma with LHCD power	Dr KUMAR, Manoj	

[517] Observations of Plasma Stimulated Electrostatic Sideband Emission and Harmonic Distortion: Evidences of Over-dense Plasma Generation inside a Microwave Discharge Ion Source	Mr MALLICK, Chinmoy	
[179] Simulations of two types of energetic particle driven geodesic acoustic modes and the energy channeling in the Large Helical Device plasmas	Dr WANG, Hao	
[15] Simulations of the Sawtooth-Induced Redistribution of Fast Ions in JET and ITER	Dr YAKOVENKO, Yurii V.	
[655] Self-consistent gyrokinetic description of the interaction between Alfvén modes and turbulence	Dr BIANCALANI, Alessandro	
[546] Investigations on Temperature Fluctuations and Energy Transport in ETG Dominated Large Laboratory Plasma	Mr SRIVASTAV, Prabhakar	
[631] Burning Plasma Simulation with Alpha-Particle Heating	Mr MAURYA, Udaya	
[353] The combined effect of neoclassical tearing modes and ELM control coils on fast-ions: validation in AUG and extrapolation for ITER	Mr SNICKER, Antti	
[536] Preliminary Results of Wall Conditioning Experiments using High Power ICRH System on SST-1 at Different Toroidal Magnetic Fields	Mr RATHI, DHARMENDRA	
[534] A Transmission Electron Microscopy Investigation of Defects Induced in Tungsten Foils by Gold (Au) and Boron (B) Ion Irradiation	Dr SHARMA, Prashant	
[426] Fast-ion studies in high performance fully non-inductive discharges on EAST	Ms HUANG, Juan	
[307] Experimental Study of Multi-scale Interaction between (Intermediate, Small)-scale Microturbulence and MHD modes in EAST Plasmas	Dr SUN, Pengjun	
[759] Transport induced by energetic geodesic acoustic modes	Dr ZARZOSO, David	
[222] Model-Predictive Kinetic Control for Steady State Plasma Operation Scenarios on EAST	Prof. MOREAU, Didier	
[469] Modeling studies of X-divertor configuration on SST-1 tokamak using SOLPS5.1	Mrs MANTHENA, Himabindu	
[81] Reconstruction of MHD modes for energetic particle dynamics studies in toroidal equilibria with arbitrary q profiles	Dr GARCIA-MARTINEZ, Pablo	
[488] Verification and Validation of Integrated Simulation of Energetic Particles in Toroidal Plasmas	LIN, Zhihong	
[475] Recent finding in fusion studies using table top and miniaturized dense plasma focus devices operating from hundred joules to less than one joule	Prof. SOTO, Leopoldo	
[905] Kink Mode Study in EAST High β_{P} Plasma	Dr XU, Liqing	