

25th IAEA Fusion Energy Conference - IAEA CN-221

Tuesday, October 14, 2014

Poster 2: P2 - Green 8-9 (2:00 PM - 6:45 PM)

[id] title	presenter	board
[685] The Combining Effect of the Inductive Electric Field and the Lower Hybrid Waves on the Impurity Ions Toroidal Rotation in the Lower Hybrid Current Drive Tokamak Plasmas	PAN, Chengkang	
[341] Off-Axis Current Drive with High Harmonic Fast Waves for DIII-D	Dr PINSKER, Robert	
[342] Expanding the Physics Basis of the Baseline Q=10 Scenario toward ITER Conditions	Dr LUCE, Timothy C.	
[191] Influence of Boundary Conditions on Turbulent Transport and Plasma Energy Confinement Time Evolution in Tokamaks with Additional Heating: Simulations for T-10 and T-15 Tokamaks	Dr PASTUKHOV, Vladimir	
[291] A Reduced Model of ELM Mitigation by SMBI and Pellet Injection	Dr RHEE, Tongnyeol	
[277] Achieving Steady-State Conditions in High-Beta Hybrid Scenario in DIII-D	Dr PETTY, C. Craig	
[278] Electron Temperature Critical Gradient and Transport Stiffness	Dr SMITH, Sterling	
[520] Physics-Model-Based Control of the Plasma State Dynamics for the Development and Sustainment of Advanced Scenarios in DIII-D	Mr BARTON, Justin E.	
[38] Progress on Transport Modeling by Trapped Ion Resonance Driven Turbulence	Dr KOSUGA, Yusuke	
[30] MHD Instability Excited by Interplay between Resistive Wall Mode and Stable MHD Modes in Rotating Tokamak Plasmas	Dr AIBA, NOBUYUKI	
[431] On the Measurement of the Threshold Electric Field for Runaway Electron Generation in FTU	Mr ESPOSITO, Basilio	
[335] High Internal Inductance for Steady-State Operation in ITER and a Reactor	Dr FERRON, John	
[559] ELM Pacing with Periodic Plasma Column Displacements	Dr AYDEMIR, Ahmet Y.	
[238] (N)TM Onset by Central EC Power Deposition in FTU and TCV Tokamaks	Dr NOWAK, Silvana	
[681] Development of Fully Noninductive Scenario at High Bootstrap Current Fraction for Steady State Tokamak Operation on DIII-D and EAST	Prof. GONG, Xianzu	
[29] Toroidal Rotation Produced by Disruptions and ELMs	Dr STRAUSS, Henry R.	
[409] Experiments and Modelling on FTU Tokamak for EC Assisted Plasma Start-up Studies in ITER-like Configuration	Dr GRANUCCI, GUSTAVO	
[374] Full-f Neoclassical Simulations toward a Predictive Model for H-Mode Pedestal Ion Energy, Particle and Momentum Transport	Dr SMITH, Sterling	
[376] Experimental Simulation of Burn Control Using DIII-D In-Vessel Coils	Dr KOLEMEN, Egemen	
[399] Can Gyrokinetics Really Describe Transport in L-Mode Core Plasmas?	Prof. JENKO, Frank	
[244] Peaked Density Profiles Due to Neon Injection on FTU	Mrs MAZZOTTA, Cristina	
[243] Advancing the Physics Basis of Quiescent H-Mode Through Exploration of ITER Relevant High Density Operation	Mr GAROFALO, A. M.	

[249] Momentum and Particle Transport Across the ITG-TEM Turbulence Regimes in DIII-D H-Mode Plasmas	Dr MORDIJCK, Saskia	
[513] Thermal Loads on FTU Actively Cooled Liquid Lithium Limiter	Dr MAZZITELLI, Giuseppe	
[515] Study of Nonlinear Fast Particle Transport and Losses in the Presence of Alfvén Waves	Dr SCHNELLER, Mirjam	
[516] Frequency and Damping Rate of the Geodesic Acoustic Mode in Collisional Plasmas	Prof. GAO, Zhe	
[451] Measurement of Radiated Power Asymmetry during Disruption Mitigation on the DIII-D Tokamak	Dr EIDIETIS, Nicholas	
[455] Cherenkov Emission Provides Detailed Picture of Non-Thermal Electron Dynamics in the Presence of Magnetic Islands	Dr CAUSA, Federica	
[179] Nonlocal Transport from Edge to Core in Tokamak Plasmas	Dr MIYATO, Naoaki	
[661] Compatibility of Internal Transport Barrier with Steady-State Operation in the High Bootstrap Fraction Regime on DIII-D	Mr GAROFALO, Andrea M.	
[540] Impact of NBI-Injected Fast Ions in the Stabilization of the Resistive Wall Mode in High-β_N Plasmas	Dr TURCO, Francesca	
[364] Applying the Radiating Divertor Approach to Innovative Tokamak Divertor Concepts	Dr PETRIE, Thomas W.	
[362] Avoidance of Tearing Mode Locking and Disruption with Electro-Magnetic Torque Introduced by Feedback-Based Mode Rotation Control in DIII-D and RFX-Mod	Dr MARRELLI, Lionello	
[507] Experiments on Magneto-Hydrodynamics Instabilities with ECH/ECCD in FTU Using a Minimal Real-Time Control System	Dr SOZZI, Carlo	
[500] Runaway Electron Control in FTU	Dr CARNEVALE, daniele	
[638] Extreme Low-Edge Safety Factor Tokamak Scenarios via Active Control of Three-Dimensional Magnetic Field on RFX and DIII-D	Prof. MARTIN, Piero	
[356] Reduction of Net Erosion of High-Z PFC Materials in DIII-D Divertor Due to Re-Deposition and Low-Z Coating	Mr RUDAKOV, Dmitry L.	
[350] The Single Dominant Mode Picture of Non-Axisymmetric Field Sensitivity and its Implications for ITER Geometric Tolerances	Dr PAZ-SOLDAN, Carlos	
[287] Nonlinear Particle Simulation of Radio Frequency Waves in Fusion Plasmas	Dr KULEY, Animesh	
[676] Gyrokinetic Simulation of Microturbulence in EAST Tokamak and DIII-D Tokamak	Mr QIU, Zhiyong	
[52] Fluid Simulation of Particle and Heat Fluxes during Burst of ELMs on EAST and DIII-D	Dr XIA, Tianyang	
[536] Suppression of Type-I ELMs with Incomplete I-Coil Set on DIII-D	Dr ORLOV, Dmitri	
[110] Fishbone Modes in Plasmas with Dual Neutral Beam Injection Heating	Dr HE, Hongda	
[421] Heat Transport and Enhancement Confinement Regimes in Tokamak as a Result of Plasma Selforganization	Mrs RAZUMOVA, Ksenia	