

26th IAEA Fusion Energy Conference - IAEA CN-234

Tuesday, 18 October 2016

Poster 2: P2 (14:00 - 18:45)

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[718] GYROKINETIC SIMULATIONS OF TOKAMAK PEDESTALS-PRESENT EXPERIMENTS AND EXTRAPOLATION TO BURNING PLASMAS	Dr KOTSCHENREUTHER, Mike	
[715] On Benchmarking of Simulations of Particle Transport in ITER	Prof. NA, Yong-Su	
[425] Anomalous and Neoclassical Transport of Hydrogen Isotope and Impurity Ions in LHD Plasmas	Dr NUNAMI, Masanori	
[298] Core-edge coupled predictive modeling of JT-60SA high-beta steady-state plasma with impurity accumulation	Dr HAYASHI, Nobuhiko	
[590] Analysis of weakly coherent mode in I-mode with the BOUT++ code	Dr LIU, Zixi	
[277] A New Understanding of the Bootstrap Current in Steep Edge Pedestal and its Effect on the Pedestal Stability	Dr HAGER, Robert	
[446] Physics-based integrated modeling of the energy confinement time scaling laws in tokamaks	Dr KIM, Jin Yong	
[100] Investigation of Sustainable Reduced-Power non-inductive Scenarios on JT-60SA	Dr ROMANELLI, Michele	
[145] A Model of The Saturation of Coupled Electron and Ion Scale Gyrokinetic Turbulence	Dr STAEBLER, Gary M.	
[154] Recent EUROfusion Achievements in Support to Computationally Demanding Multi-scale Fusion Physics Simulations and Integrated Modelling	Dr VOITSEKHOVITCH, Irina	
[681] Integrated Simulation of Deuterium Experiment Plasma in LHD	Dr MURAKAMI, Sadayoshi	
[683] Predicted fusion performance for ITER and DEMO plasmas using a BALDUR code with predictive tritium influx model	Dr ONJUN, thawatchai	
[495] Development of ITER Non-Activation Phase Operation Scenarios	Dr KIM, Sun Hee	
[24] Extending the Validation of Multi-Mode Model for Anomalous Transport to High Poloidal Beta DIII-D Discharges	Dr PANKIN, Alexei	
[20] Alpha heating and isotopic mass scaling in JET DT plasmas	Dr BUDNY, Robert	
[409] Gyrokinetic simulations of an electron temperature gradient turbulence-driven current in tokamak plasmas	Dr YI, Sumin	
[585] Gyrokinetic Simulations of Microturbulence in DIII-D pedestal	Dr HOLOD, Ihor	
[518] Progress in the ITER Integrated Modelling Programme and the use and validation of IMAS within the ITER Members	Dr PINCHES, Simon	
[621] The Development of SOL Transport Model for Integrated Core-SOL Simulation of L-Mode Plasma	Dr WISITSORASAK, Apiwat	
[627] Evaluation of Predictive Capability for Hydrogenic and Impurity Density in L- and H-mode Tokamak Plasma using Multimode Transport Model	Dr SUWANNA, Sujin	
[171] Gyrokinetic analysis of the effects of electron-scale turbulence on ion-scale micro-instabilities	Dr MAEYAMA, Shinya	

[572] Multi-species ITG-TEM driven turbulent transport of D-T ions and He-ash in ITER burning plasmas	Dr NAKATA, Motoki	
[208] Progress in the theoretical description and the experimental characterization of tungsten transport in tokamaks	Dr ANGIANI, Clemente	
[8] New Nonlinear Microtearing Mode Transport Model for Tokamak Plasmas*	Dr RAFIQ, Tariq	
[362] EUROfusion Integrated Modelling (EU-IM) capabilities and selected physics applications	Dr FALCHETTO, Gloria	
[783] Simulation of Neoclassical Tearing Modes in JET	Dr POOLYARAT, Nopporn	
[255] ITER Fuelling Requirements and Scenario Development for H, He and DT through JINTRAC Integrated Modelling	Dr MILITELLO ASP, Elina	
[165] Direct identification of Predator-Prey dynamics in Gyrokinetic Simulations	KOBAYASHI, Sumire	
[633] Crucial role of zonal flows and electromagnetic effects in ITER turbulence simulations near threshold	Dr CANDY, Jeff	
[352] Global 3D Braginskii simulations of the tokamak edge region	Mr FRANCISQUEZ, Manaure	
[211] Steep gradients in plasma confined at convex-concave magnetic field lines	Dr TSVENTOUKH, Mikhail	
[670] Gyrokinetic simulation of tokamak edge plasmas	Prof. XIAO, Yong	
[225] Statistical validation of transport models on baseline discharges in preparation for the extrapolation to JET D-T	Dr KIM, Hyun-Tae	