

25th IAEA Fusion Energy Conference - IAEA CN-221

Friday, October 17, 2014

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[718] Neutron Irradiation Effects on Grain-Refined W and W-Alloys	Mr HASEGAWA, Akira	
[345] Integrated Modelling of DEMO-FNS Current Ramp-up Scenario and Steady State Regime	Dr DNESTROVSKIJ, Alexei	
[346] Spectra of Neutrons from a Beam-Driven Fusion Source	Dr GONCHAROV, Pavel	
[340] Production of Radiation-Damaged Tungsten and its Study in High Flux Deuterium Plasma	Prof. KOIDAN, Vasily	
[719] Alfvén Eigenmodes Can Limit Access to High Fusion Gain, Steady-State Tokamak Operation	Mr HEIDBRINK, William W.	
[717] Molecular Dynamics and Density Functional Simulations of Tungsten Nanostructure Formation by Helium Plasma Irradiation	Mr ITO, Atsushi	
[716] Overview of Fusion Reactor Materials Study at SWIP	Mr LIU, Xiang	
[715] Configuration Studies for an ST-Based Fusion Nuclear Science Facility	Ms EL-GUEBALY, Laila	
[299] Super-Saturated Hydrogen Effects on Radiation Damages in Tungsten under High-Flux Divertor Plasma Irradiation	Dr KATO, Daiji	
[296] Reduced Model for Gyrokinetic Turbulent Transport in Helical Plasmas	Dr NUNAMI, Masanori	
[290] Comparison of ELM-Filament Mitigation between Supersonic Molecular Beam Injection and Pellet Injection in the HL-2A Tokamak	Mr NIE, Lin	
[526] Investigation of Co-Current Rotation at Plasma Edge in the TCABR	Dr SEVERO, Jose Helder	
[443] Plasma Flows and Fluctuations with Resonant Magnetic Perturbations on the Edge Plasmas of the J-TEXT Tokamak	Prof. ZHAO, Kaijun	
[102] Characterization and Nonlinear Interaction of Shear Alfvén Waves in the Presence of Strong Tearing Modes in Tokamak Plasmas	Dr CHEN, Wei	
[36] Physics and Engineering Assessments of the K-DEMO Magnet Configuration	Dr KIM, Keeman	
[641] Physics Design and Analysis Code SPECTRE for Tokamak Based Fusion Reactors	Mr MENON, Vinay	
[640] Energetic Particle Driven $n=1$ MHD Instabilities in Tokamaks with Weakly Reversed Shear	Mr BRENNAN, Dylan P.	
[644] Physical Processes Taking Place in the Dense Plasma Focus Devices at the Interaction of Hot Plasma and Fast Ion Streams with Materials under Tests and some Results of the Irradiation	Prof. GRIBKOV, Vladimir	
[544] Optimization of a Gas Dynamic Trap Neutron Source	Dr SIMONEN, Thomas	
[332] 3D Plasma Response to Resonant External Magnetic Perturbation and its Impact on Fast Ion Confinement in JT-60SA Plasmas	Dr SUZUKI, Yasuhiro	

[744] A Long-Pulse H-Mode Regime with a New Coherent Mode Providing Continuous Transport across Pedestal in EAST	Mr XU, Guosheng	
[745] Compatibility of High Performance Operation with JET ILW	Ms NUNES, Isabel Maria	
[748] Development of the Q=10 Scenario for ITER on ASDEX Upgrade (AUG)	Mr SCHWEINZER, Josef	
[749] Indication of Bulk-Ion Heating by Energetic Particle Driven Geodesic Acoustic Modes on LHD	Mr OSAKABE, Masaki	
[99] Contributions of Linear Plasma Devices to PMI Research	Prof. OHNO, Noriyasu	
[91] Equilibrium and Fast Particle Confinement in 3D Tokamaks with Toroidal Rotation	Dr COOPER, Wilfred Anthony	
[815] Design Concept of K-DEMO for Near-Term Implementation	Mr KIM, Keeman	
[740] Response of Ion and Electron Temperatures, Electron Density and Toroidal Rotation to Electron Cyclotron Heating in JT-60U	Ms YOSHIDA, Maiko	
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[743] Toroidal Rotation Profile Structure in L- and H-Mode KSTAR Plasmas	Mr SHI, Yuejiang	
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[747] Progress in Preparing Scenarios for ITER Operation	Mr SIPS, Adrianus	
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[388] Integrated Physics Analysis of Plasma Operation Control Scenario of Helical Reactor FFHR-d1	Dr GOTO, Takuya	
[737] Runaway Electron Generation with the ITER-like Wall and Efficiency of Massive Gas Injection at JET	Mr REUX, Cedric	
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