

25th IAEA Fusion Energy Conference - IAEA CN-221

Wednesday, October 15, 2014

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[590] Observation of a Toroidally Symmetrical Electric Field Fluctuation with Radially Elongated Structure in Heliotron J	Dr OHSHIMA, Shinsuke	
[597] Advanced Equilibrium Models for Anisotropy, Flow and Chaotic Fields	Dr HOLE, Matthew John	
[274] First Plasma Formation in Glass Spherical Tokamak (GLAST)	Dr HUSSAIN, Shahid	
[439] Development of Predictive Simulator to Model Electromagnetic Transients for ITER Application	Prof. BELYAKOV, Valery	
[528] Experimental Evaluation of Long-Term and Stable Magnetic Sensors Operation in ITER-Relevant Conditions	Ms BOLSHAKOVA, Inessa	
[448] Advances in the Physics Basis for the European DEMO Design	Dr WENNINGER, Ronald	
[105] Progress on the ITER Diagnostic-Radial X-Ray Camera	Dr HU, Liqun	
[33] A New Operation Regime for High-Density Plasma in Heliotron J	Prof. MIZUUCHI, Tohru	
[34] Influence of the Divertor Plate Material on the Plasma Performance in DEMO	Mrs IVANOVA-STANIK, Irena	
[557] Structure and Scaling of Fluctuations in the MHD Range in the H-1NF HELIAC	Dr BLACKWELL, Boyd	
[336] Current Status of Final Design and R&D for ITER Blanket Shield Block in Korea	Dr KIM, Sa-Woong	
[331] RF Discharge for In-Situ Mirror Surface Recovery in ITER	Mr RAZDOBARIN, Alexey	
[818] Short Way Separation of D/T from He with Superpermeable Membranes in the Post-ITER Devices	Mr LIVSHITS, Alexander	
[555] Preparation for Preliminary Design of ITER GDC	Dr WANG, Yingqiao	
[231] Influence of ECR Heating on NBI-Driven Alfvén Eigenmodes in the TJ-II Stellarator	Dr CAPPÀ, Álvaro	
[233] Manufacturing Design and Progress of the First Sector for ITER Vacuum Vessel	Mr AHN, Hee-Jae	
[142] Behaviors of ITER EHF FW under High Heat Flux for Mock-ups Manufactured by HIP Joining Technology	Prof. CHEN, Jiming	
[613] Protecting B4C Coating for ITER Divertor Tiles. Deposition, Operation, Removal of Erosion Products	Prof. BEGRAMBEKOV, Leon	
[610] Studies of Protection and Recovery Techniques of Diagnostic Mirrors for ITER	Dr LITNOVSKY, Andrey	
[130] Progress on HIT-SI and Imposed Dynamo Current Drive	Dr VICTOR, Brian	
[137] Comprehensive First Mirror Test for ITER at JET with ITER-like Wall	Mr GARCIA CARRASCO, Alvaro	
[375] Research, Development and Production of ITER Toroidal Field Conductors and Poloidal Field Cables in Russia	Prof. VYSOTSKY, Vitaly	

[790] Disruption Mitigation System Developments and Design for ITER	Mr MARUYAMA, So	
[247] Stable Plasmas in Theoretically Mercier-Unstable TJ-II Configurations	Prof. CASTEJÓN, Francisco	
[510] Non-Inductive Solenoid-Less Plasma Current Start-up on HIST Using Transient Coaxial Helicity Injection	Prof. NAGATA, Masayoshi	
[459] Overview of ITPA R&D Activities for Optimization of ITER Diagnostic Performance	Dr KAWANO, Yasunori	
[172] Design Finalization and R&D Activities before the Start of Manufacture of ITER Thermal Shield	Mr CHUNG, Wooho	
[654] Instabilities and Transport of Fast Ions on MAST	Dr SHARAPOV, Sergei	
[186] Pellet Fuelling of Plasmas Including ELM Mitigation in MAST	Dr VALOVIC, Martin	
[194] Limit Cycle Oscillations at the L-I-H Transition in TJ-II Plasmas: Triggering, Temporal Ordering and Radial Propagation	Dr ESTRADA, Teresa	
[658] Active and Passive Experiments to Control the Helical Boundary of Wall-Stabilized Tokamak Plasma	Prof. NAVRATIL, Gerald	
[323] Numerical Code "TOKSCEN" for Modeling of Plasma Evolution in Tokamak	Mr SADYKOV, Anuar	
[204] Global Gyrokinetic Simulations of Electromagnetic Instabilities in Tokamak Plasmas	Dr HOLOD, Ihor	
[75] Tritium Transport Modelling: First Achievements on ITER Test Blanket Systems Simulation and Perspectives for DEMO Breeding Blanket	Dr RICAPITO, Italo	
[693] Progress in the Design and Manufacture of High Vacuum Components for ITER	Mr SBORCHIA, Carlo	
[696] Global gyrokinetic particle-in-cell simulations of Alfvénic modes	Mr MISHCHENKO, Oleksiy	
[699] Development of Tungsten Monoblock Technology for ITER Full-Tungsten Divertor in Japan	Mr SEKI, Yohji	
[562] Structural Analysis of the ITER Coil Power Supply System	Dr LABUSOV, Alexey	
[121] Influence of Flow Shear on the Structure of Ion-Scale Turbulence in MAST	Dr HILLESHEIM, Jon	
[123] Improved Understanding of Edge Plasma Dynamics Through Visible Imaging on MAST	Dr HARRISON, James	
[574] Advance in Japanese Superconductor for ITER	Dr NUNOYA, Yoshihiko	
[498] Hybrid Integral-Differential Simulator of EM Force Interactions / Scenario-Assessment Tool with Pre-Computed Influence Matrix in Applications to ITER	Mr ROZOV, Vladimir	
[318] L to H Mode Transition: Parametric Dependencies of the Temperature Threshold	Mrs BOURDELLE, clarisse	
[311] Studying the Impurity Charge Dependence of Impurity Confinement in ECR Heated TJ-II Stellarator Plasmas	Dr ZURRO, Bernardo	
[361] Cross-Polarization Doppler Backscattering Measurements and Microtearing at the Top of the MAST H-Mode Pedestal	Dr HILLESHEIM, Jon	
[386] A Cross-Benchmarking and Validation Initiative for Tokamak 3D Equilibrium Calculations	Dr EVANS, Todd E.	
[782] Full-Scale Trial Results to Qualify Optimized Manufacturing Plan for ITER Toroidal Field Coil Winding Pack in Japan	Mr KOIZUMI, norikiyo	
[788] Overview of the Design Development, Prototype Manufacturing and Procurement of the ITER In-Vessel Coils	Ms ENCHEVA, Anna	

[579] Remote Generation of NTM Precursors by Interchange Turbulence	Dr AGULLO, Olivier	
[466] R&D Status on Remote Handling Technology for ITER Blanket Maintenance	Dr TAKEDA, Nobukazu	
[649] Neutronic Analyses for ITER Diagnostic Port Plugs	Dr SERIKOV, Arkady	
[355] Gamma-Ray Spectrometer in the ITER NPA System	Dr GIN, Dmitry	
[353] Analysis of Ion Energy Spectrum and Spikes in ECRH TJ-II Plasmas, with Fixed and Variable Magnetic Configuration	Mr MARTINEZ, Marco	
[351] A New Methodology for Scaling Laws with Arbitrary Error Distributions: Case Study for the H-Mode Power Threshold	Prof. VERDOOLAEGE, Geert	
[261] Understanding the MAST H-Mode Pedestal Through Experiments and Modelling	Dr SAARELMA, Samuli	
[58] Full Wave Simulations for Fast Wave Heating and Power Losses in the Scrape-off Layer of Tokamak Plasmas	Dr PINSKER, Robert	
[54] Modeling and Analytic Study of Plasma Flows on Tearing Mode Stability	Dr CHANDRA, Debasis	
[50] Turbulent Elasticity and the Physics of Time Delay	Dr GUO, ZHIBIN	
[115] Progresses in 3D Nonlinear Numerical Simulation of Tokamak Disruptions	Mr PACCAGNELLA, Roberto	
[111] Resistive Wall Mode Studies Utilizing External Magnetic Perturbations	Prof. BRUNSELL, Per	
[118] Experimental Assessment of Erosion Corrosion Parameters of Copper Alloys and Copper to Steel Joints at ITER Operational Conditions	Mrs GUSTAFSSON, Charlotta	
[424] The Interpretation of the Tokamak Self-Consistent Pressure Profiles	Mr DYABILIN, Konstantin	
[306] Parallel Flow Dynamics and Comparison with Neoclassical Transport Analysis in NBI Plasmas of Heliotron J	Dr KOBAYASHI, Shinji	
[307] Last Achievements in the Experiments with ECR Heating in the Gas Dynamic Trap	Dr BAGRYANSKY, Peter	
[564] Observation of Zonal Flows in Core Plasma with Collective Scattering Density Fluctuation Measurement	Dr YU, Yi	
[565] Status of GOL-3 Multiple Mirror Trap Experiments	Prof. BURDAKOV, Aleksandr	
[398] External Control of Energetic-Ion-Driven MHD Instabilities by ECH/ECCD in Heliotron J Plasmas	Dr YAMAMOTO, Satoshi	
[484] Numerical Study of Energy Transfer Mechanism of Magnetic Reconnection/Torus Plasma Merging under High Toroidal Magnetic Field	Mr INOUE, Shizuo	