



# 24th IAEA Fusion Energy Conference - IAEA CN-197

## Wednesday, 10 October 2012

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[342] TH/P3-22: Magnetic Island Dynamics under External Magnetic Perturbation in Rotating Resistive Tokamak Plasma	Mr IVANOV, Nikolay	
[594] EX/P3-32: Toroidal Rotation Characteristics in KSTAR Plasmas	Mr LEE, Sang Gon	
[449] EX/P3-28: Production of Internal Transport Barriers by Intrinsic Flow Drive in Alcator C-Mod	Ms FIORE, Catherine	
[190] EX/P3-14: Inter-Machine Validation Study of Neoclassical Transport Modelling in Medium- to High-Density Stellarator-Heliotron Plasmas	Mr DINKLAGE, Andreas	
[193] EX/P3-15: Tungsten Screening and Impurity Control in JET	Mr PÜTTERICH, Thomas	
[279] EX/P3-22: Dynamical Coupling Between Gradients and Transport in Tokamaks and Stellarators	Mr HIDALGO, Carlos	
[522] TH/P3-28: Current Sharing between Plasma and Walls in Tokamak Disruptions	Mr ZAKHAROV, Leonid	
[447] ICC/P3-02: A New High Performance Field Reversed Configuration Regime Through Edge Biasing and Neutral Beam Injection	Mr BINDERBAUER, Michl	
[106] EX/P3-05: Experimental Investigation of Plasma Confinement in Reactor Relevant Conditions in TCV Plasmas with Dominant Electron Heating	Ms KIRNEVA, Natalia	
[104] EX/P3-03: Potential Fluctuation Study from the Core Plasma to End Region in the GAMMA 10 Tandem Mirror	Mr YOSHIKAWA, Masayuki	
[105] EX/P3-04: High Current Plasmas in RFX-mod Reversed Field Pinch	Ms CARRARO, Lorella	
[37] TH/P3-05: Impurity Transport due to Electromagnetic Drift Wave Turbulence	Ms MORADI, Sara	
[645] TH/P3-34: Development of a Predictive Capability for Fast Ion Behaviour in MAST	Mr PINCHES, Simon	
[99] TH/P3-09: Nonlinear Acceleration Mechanism of Collisionless Magnetic Reconnection	Mr HIROTA, Makoto	
[90] TH/P3-08: Coupling of Current and Flow Relaxation in Reversed-Field Pinches due to Two-Fluid Effects	Mr SOVINEC, Carl	
[237] EX/P3-18: Experimental Tests of Stiffness in the Electron and Ion Energy Transport in the DIII-D Tokamak	Mr LUCE, Timothy C.	
[28] TH/P3-04: Simulation of Sawteeth and other Global Macroscopic Dynamics of Tokamak Plasmas on the Transport Timescale	Mr JARDIN, Stephen C.	
[132] TH/P3-11: Coupled Simulations of RF Effects on Tearing Modes	Mr KRUGER, Scott	
[141] EX/P3-09: Understanding the Dynamics of Cold Pulse Nonlocality Phenomena	Mr SUN, Hongjuan	
[133] TH/P3-12: A Flute Instability in an Open System and the Line Tying Effect on it	Mr KATANUMA, Isao	

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<b>[491] TH/P3-26: Numerical Modeling of Formation of Helical Structures in Reversed-Field-Pinch Plasma</b>	Mr MIZUGUCHI, Naoki	
<b>[493] TH/P3-27: Influence of Off-axis Neutral Beam Injection on Resistive Wall Mode Stability</b>	Mr HAO, Guangzhou	
<b>[25] TH/P3-02: An Investigation of Coupling of the Internal Kink Mode to Error Field Correction Coils in Tokamaks</b>	Mr LAZARUS, Edward	
<b>[26] TH/P3-03: Stabilizing Regimes of Edge Current Density for Pedestal Instabilities</b>	Mr ZHU, Ping	
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<b>[169] EX/P3-12: Real-time Model-based Reconstruction and Control of Tokamak Plasma Profiles</b>	Mr FELICI, Federico	
<b>[167] EX/P3-11: The Value of Flexibility: the Contribution of RFX to the International TOKAMAK and STELLARATOR Programme</b>	Mr VALISA, Marco	
<b>[160] TH/P3-14: Multi-Scale MHD Analysis of Heliotron Plasma in Change of Background Field</b>	Mr ICHIGUCHI, Katsuji	
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<b>[763] EX/2-5: Extension of Operational Regime in High-Temperature Plasmas and the Dynamic-Transport Characteristics in the LHD</b>	Mr TAKAHASHI, Hiromi	
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<b>[538] TH/P3-30: On the Origin of Tokamak Density Limit Scalings</b>	Mr GATES, David A.	
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<b>[756] EX/2-4: Dependence of Heat Transport and Confinement on Isotopic Composition in Conventional H-mode Plasmas in JT-60U</b>	Mr URANO, Hajime	
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