

24th IAEA Fusion Energy Conference - IAEA CN-197

Friday, 12 October 2012

Poster: P8 - Poster Room (Area F-B) (14:00 - 18:45)

| [id] title | presenter | board |
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| [791] PD/P8-07: Progress in the Understanding of the Neo-classical Tearing Mode through Nonlinear Gyro-kinetic Simulations | Mr HORNSBY, William | |
| [391] EX/P8-10: Stabilization of Energetic-Ion-Driven MHD Mode by ECCD in Heliotron J | Mr NAGASAKI, Kazunobu | |
| [101] ICC/1-1Ra: Progress on HIT-SI and Imposed Dynamo Current Drive | Mr JARBOE, Thomas | |
| [744] EX/8-1: 3D Plasma Response to Magnetic Field Structure in the Large Helical Device | Mr SUZUKI, Yasuhiro | |
| [745] EX/9-2: Control and Dissipation of Runaway Electron Beams Created during Rapid Shutdown Experiments in DIII-D | Mr HOLLMANN, Eric M. | |
| [748] EX/11-3: Visualization of ELM Dynamics and its Response from External Perturbations via 2D Electron Cyclotron Emission Imaging in KSTAR | Mr PARK, Hyeon Keo | |
| [740] EX/8-2: High Power Heating of Magnetic Reconnection for High-Beta ST formation in TS-3 and UTST ST Merging Experiments | Mr ONO, Yasushi | |
| [746] EX/9-1: Impact and Mitigation of Disruptions with the ITER-like Wall in JET | Mr LEHNEN, Michael | |
| [239] EX/P8-07: Global Mode Control and Stabilization for Disruption Avoidance in High-Beta NSTX Plasmas | Mr BERKERY, John | |
| [616] EX/P8-14: The Effect of Toroidal Plasma Rotation on Sawtooth Activity in KSTAR | Mr KIM, Junghee | |
| [795] PD/P8-11: Immediate Influence of Heating Power on Turbulent Plasma Transport | Ms ITOH, Sanae | |
| [794] PD/P8-10: Validation of Linear Gyrokinetic Simulation of Alfvén Eigenmodes in DIII-D Tokamak and Dynamics of Nonlinear Frequency Chirping | Mr LIN, Zhihong | |
| [628] EX/P8-01: Overview of Resonant Helical Magnetic Field Experiments on the IR-T1 Tokamak | Mr KHORSHID, Pejman | |
| [793] PD/P8-09: Edge Magnetic Topology Change Induced by LHCD and its Profound Effects in EAST | Mr LIANG, Yunfeng | |
| [792] PD/P8-08: Divertor Power Deposition Control and ELM Mitigation with Supersonic Molecular Beam Injection in the EAST Tokamak | Mr ZOU, Xiaolan | |
| [800] PD/P8-16: Observation of a New Energy Channel from Energetic Particles to Bulk Ions through Geodesic Acoustic Mode | Mr IDO, Takeshi | |
| [797] PD/P8-13: Procedures to Interface Plasma Disruption Simulations and Finite Element Electromagnetic Analyses | Mr ROCCELLA, Riccardo | |
| [796] PD/P8-12: IFE-related Experimental Studies on Moderate-scale Laser Facilities | Ms JACQUEMOT, Sylvie | |
| [790] PD/P8-06: ITER Central Solenoid - Design and Analysis of Support Structure and Interfaces | Mr FREUDENBERG, Kevin | |

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| [799] PD/P8-15: First Observations of ELM Triggering by Injected Lithium Granules in EAST | Mr MANSFIELD, Dennis | |
| [798] PD/P8-14: ELM Pacing and Trigger Investigations at JET with the New ITER Like Wall | Mr LANG, Peter | |
| [764] EX/10-1: Is Turbulence Determined by Local Temperature Gradient? | Mr INAGAKI, Shigeru | |
| [201] EX/P8-05: Latest Progress in Studies of Runaway Electrons in JET | Mr PLYUSNIN, Vladislav V. | |
| [359] ICC/1-1Rb: Flow and Magnetic Field Profiles in the HIST Spherical Torus Plasmas Sustained by Double Pulsing Coaxial Helicity Injection | Mr NAGATA, Masayoshi | |
| [549] EX/P8-13: Experiment for Stabilization of Tearing Mode in KSTAR | Mr NA, Yong-Su | |
| [369] EX/P8-09: Disruption Mitigation Experiments with Two Gas Jets on Alcator C-Mod | Mr GRANETZ, Robert | |
| [785] PD/P8-02: Tritium Management in the European Test Blanket Systems and Extrapolation to DEMO | Mr RICAPITO, Italo | |
| [786] PD/P8-03: Concept Design of Z-Pinch Pulsed Power Driver for IFE | Mr WANG, Meng | |
| [787] PD/P8-04: Deuteron Beam Driven Fast Ignition of a Pre-Compressed Inertial Confinement Fusion Fuel Capsule | Mr MILEY, George | |
| [783] PD/P8-01: Use of Subcritical System in the Nuclear Fuel Cycle in China | Mr WU, Yican | |
| [788] PD/P8-05: Electric Potential Dynamics in OH and ECRH Plasmas in the T-10 Tokamak | Mr MELNIKOV, Alexander | |
| [65] EX/P8-03: Density Limit Experiments on FTU | Mr PUCCELLA, Gianluca | |
| [802] PD/P8-17: Controlled Plasmoid Ejection from Spherical Tokamak Plasmas for the Dynamic Divertor | Mr INOUE, Shizuo | |
| [736] EX/8-3: From Globus-M Results Toward Compact Spherical Tokamak with Enhanced Parameters, Globus-M2 | Mr GUSEV, Vasily | |
| [733] EX/11-2: The Nearly Continuous Improvement of Discharge Characteristics and Edge Stability with Increasing Lithium Coatings in NSTX | Mr MAINGI, Rajesh | |
| [808] PD/P8-22: Dynamics of Pedestal Rotation and Ion Temperature Profile Evolution in KSTAR H-mode Discharge with RMP | Mr KO, Won Ha | |
| [9] ICC/P8-01: Dynamics of Open-field-line MHD Experimental Configurations and Theoretical Investigation of Action Integrals as Effective Hamiltonians | Mr BELLAN, Paul | |
| [807] PD/P8-21: Theoretical Research and Numerical Simulation of the Fast Z-pinch Plasma Characteristics on the Low Current (<5MA) Facilities | Mr DING, Ning | |
| [806] PD/P8-20: Cyclic Stress-Strain Curve for Low Cycle Fatigue Design and Development of Small Specimen Technology | Mr NISHIMURA, Arata | |
| [805] PD/P8-19: A New Animal in the Mesoscale Zoo: Implications of Non-Resonant Convective Cells for Turbulence Intensity Profile, Shear Flow, and Transport | Mr YI, Sumin | |
| [804] PD/P8-18: Study on TAE-Induced Fast-Ion Loss Process in LHD | Mr OGAWA, Kunihiko | |
| [216] EX/P8-02: 3D Effects on RFX-mod Helical Boundary Region | Mr VIANELLO, Nicola | |
| [760] EX/11-1: Evidence of Zonal-Flow-Driven Limit-Cycle Oscillations during L-H Transition and at H-mode Pedestal of a New Small-ELM Regime in EAST | Mr XU, Guosheng | |
| [280] EX/P8-08: Stabilization of Disruptive Locked Modes by Magnetic Perturbations and Electron Cyclotron Current Drive at DIII-D | Mr VOLPE, Francesco A. | |
| [267] EX/P8-15: Study of Runaway Electron Generation in Synergetic ECRH & SMBI Plasma and during Major Disruptions in the HL-2A Tokamak | Mr DUAN, Xuru | |

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| [771] PD/1-2: Initial Snowflake Divertor Physics Studies on DIII-D | Mr ALLEN, S. | |
| [770] PD/1-1: State-of-the-art Neoclassical Tearing Mode Control in DIII-D Using Real-Time Steerable Electron Cyclotron Current Drive Launchers | Mr KOLEMEN, Egemen | |
| [753] EX/10-3: Zonal Flows as the Trigger Event for the L-H Transition | Mr TYNAN, George | |
| [757] EX/11-4: Improved Understanding of Physics Processes in Pedestal Structure, Leading to Improved Predictive Capability for ITER | Mr GROEBNER, Richard J. | |
| [759] EX/10-2: Spatiotemporal Structure of the Turbulence-flow Interaction at the L-H Transition in TJ-II Plasma | Ms ESTRADA, Teresa | |
| [226] EX/P8-06: Overview of Runaway Electrons Control and Mitigation Experiments on Tore Supra and Lessons Learned in View of ITER | Mr SAINT-LAURENT, Francois | |
| [722] TH/7-2: Non-Axisymmetric Equilibrium Reconstruction for Stellarators, Reversed Field Pinches and Tokamaks | Mr HANSON, James | |
| [724] TH/8-1: Turbulence Spectra, Transport, and ExB Flows in Helical Plasmas | Mr WATANABE, Tomo-Hiko | |
| [720] TH/7-1: Bifurcated Helical Core Equilibrium States in Tokamaks | Mr COOPER, Wilfred | |
| [721] TH/8-2: A New Paradigm for ExB Velocity Shear Suppression of Gyro-kinetic Turbulence and the Momentum Pinch | Mr STAEBLER, Gary M. | |
| [112] EX/P8-04: Latest Developments in Data Analysis Tools for Disruption Prediction and for the Exploration of Multimachine Operational Spaces | Mr MURARI, Andrea | |
| [749] EX/9-3: Disruptions in the High-beta Spherical Torus NSTX | Mr GERHARDT, Stefan | |
| [486] EX/P8-12: Towards the Density Required for Runaway Electron Suppression in ITER | Ms PAUTASSO, Gabriella | |
| [473] EX/P8-11: Effects of RF-Heating Induced MHD Activities on the Toroidal Rotation in Tokamaks | Mr SEOL, JaeChun | |
| [470] ICC/P8-02: Observation of Magnetic Fluctuations and Disruption of Magnetospheric Plasma in RT-1 | Mr SAITOH, Haruhiko | |