



# Third Technical Meeting on Plasma Disruptions and their Mitigation

## Tuesday 3 September 2024

### Posters - Entrance Lobby (13:55 - 14:55)

time	[id] title	presenter
13:55	[65] Cross-tokamak disruption prediction via domain adaptation and generalization	
13:55	[71] Assessment of RE transport induced by the DIII-D REMC with ASCOT5	IZZO, Valerie
13:55	[81] Multimodal super-resolution diagnostics for analyzing fast transient events in fusion plasma	JALALVAND, Azarakhsh
13:55	[87] Thermal Quench and its diagnostics at JET	Dr GERASIMOV, Sergei
13:55	[97] Progress of mitigating plasma disruption by the shattered pellet injection in EAST	YUAN, jingsheng
13:55	[104] Runaway Electrons in JET - Status of RE Data after End of JET Operations in 2023	Dr PLYUSNIN, Vladislav
13:55	[105] Implementation of a cross-device model for halo current in the DECAF code as a criterion for the determination of disruption mitigation action	ZAMKOVSKA, Veronika
13:55	[107] Advances in High Accuracy Physics-Based Tokamak Disruption Event Characterization and Forecasting Including Real-time Deployment	SABBAGH, Steven
13:55	[110] Validation of Extended-Magnetohydrodynamic Modeling of KSTAR Disruption Mitigation with Collisional-Radiative Impurities	LYONS, Brendan
13:55	[64] Study of the halo current region resistivity on the DIII-D tokamak	Dr LVOVSKIY, Andrey
13:55	[109] Assessment of vertical controllability using DECAF, and predictive capability of a vertical stability metric for tokamak plasmas	TOBIN, Matt
13:55	[69] Electromagnetic and heat loads on tokamak walls as a consequence of disruption	Ms GULFAM, Saira
13:55	[72] Summary of dispersive shell pellet injection experiments on DIII-D	Dr BODNER, Grant
13:55	[73] Observation of runaway plateaus in EAST disruptions triggered by MGI	TANG, tian
13:55	[100] Ultrafast actuator development for shattered pellet injectors - fast, high pressure valve and ITER DMS Shutter	REFY, Daniel Imre
13:55	[75] WEIBEL INSTABILITY DUE TO NONLINEAR INVERSE BREMSSTRAHLUNG ABSORPTION IN MAGNETIZED FUSION PLASMA	Prof. SID, Abdelaziz
13:55	[80] Transfer learning with a parsimonious disruption predictor: from JET C-wall to the metallic wall	Prof. VEGA, Jesús
13:55	[98] Heat loading of Pulsed Hydrogen Plasma Stream on Tungsten Substrate	Dr BORTHAKUR, TRIDIP KUMAR
13:55	[115] Validation of Miyamoto's formula (for the total force on the vessel following disruption) with ASDEX Upgrade measurements	PAUTASSO, Gabriella

# Wednesday 4 September 2024

Posters - Entrance Lobby (13:30 - 15:00)