Second Technical Meeting on Plasma Disruptions and their Mitigation

Tuesday, 19 July 2022

Posters - Entrance Lobby (13:00 - 14:00)

[id] title	presenter	board
[43] Update on SPI experiments at JET-ILW in 2019-2020	GERASIMOV, Sergei	
[3] Bifurcation-driven vertical plasma displacement	KIRAMOV, Dmitrii	
[28] Kinetic-MHD simulation of compressional Alfvén eigenmodes excited by runaway electrons in current quench	LIU, Chang	
[38] Runaway electron formation and termination in mitigated ITER disruptions	BANDARU, Vinodh Kumar	
[50] Analysis of Variability in Pre-Disruption Plasma Parameters and their Effect on Runaway Electron Generation using the JET data-base on RE	Dr PLYUSNIN, Vladislav	
[12] Numerical simulation of thermal quench triggered by density source in HL-2A	Dr HU, shilin	
[1] Assimilation of a Composite Hydrogen/High-Z Plasmoid	Dr ALEYNIKOV, Pavel	
[44] Pellet fueling technology development in India	Dr GANGRADEY, Ranjana	
[35] Hybrid injection system of gas and metal pellets for disruption mitigation on HL-2A	Dr DONG, Yunbo	
[24] MHD modeling and optimization of a passive helical coil for mitigation of runaway electrons	WEISBERG, David	
[48] Torque balance analysis in real-time of rotating MHD for disruption prediction and avoidance in KSTAR	RIQUEZES, Juan	
[11] MHD activity during disruptions and disruption mitigation: Recent insights from JOREK	Dr HOELZL, Matthias	
[32] An interpretable, transferable and real-time disruption predictor in HL-2A based on deep learning	YANG, Zongyu	
[10] Disruption Prediction with different wall conditions based on multi-scale deep hybrid neural network on EAST	GUO, bihao	
[6] Runaway Electron Related Relaxation Phenomena in EAST Disruptions	Prof. ZENG, long	
[9] Analysis of fast camera images for dual shattered pellet injection at KSTAR	YOO, Jaungwon	
[45] DECAF Code Cross-device Investigation of Disruption Categorization and Timing Indicated by Variations in the Plasma Current and Vertical Position	ZAMKOVSKA, Veronika	
[51] Review of a data-driven adaptive disruption predictor for mitigation based on a nearest centroid approach	Prof. VEGA, Jesús	
[42] Strategy of disruption mitigation using multiple injection of shattered pellets in KSTAR	Dr KIM, Jayhyun	
[34] Evolution of Data-driven Disruption Prediction: from Machine Learning to Deep Learning	Prof. SIAS, Giuliana	

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Posters **- Entrance Lobby (15:25 - 16:55)**