

17th Technical Meeting on Energetic Particles and Theory of Plasma Instabilities in Magnetic Confinement Fusion

Tuesday, 7 December 2021

Transport of Energetic Particles (14:00 - 18:00)

-Conveners: William W. Heidbrink

time	[id] title	presenter
14:00	[53] Numerical Studies on Saturated Kink and Sawtooth Induced Fast Ion Transport in JET	BONOFIGLO, Phillip
14:30	[31] Numerical study of helium ash and fast particle dynamics in a sawtooth tokamak plasma	BIERWAGE, Andreas
14:50	[17] Energetic Ion Transport due to Energetic Particle Continuum Mode in Deuterium LHD Plasmas	Dr OGAWA, Kunihiro
15:10	[28] Precession direction reversal and rapid energetic particle pressure redistribution in a Large Helical Device Plasma	IDOUAKASS, Malik
15:30	[20] Simulation study of energetic-particle driven off-axis fishbone instabilities in tokamak plasmas	LI, Hanzheng
15:50	[27] Estimation of the magnetic field mode structure of EIC event applying data assimilation method in LHD	SUZUKI, Kosuke
16:10	[39] Hybrid kinetic-MHD modelling of fast-ion flow induced by Alfvén instabilities measured by an imaging neutral particle analyzer	Dr GONZALEZ-MARTIN, Javier
16:40	[44] Fast-ion Transport Induced by Edge Localized Modes	Dr CHEN, Haotian
17:00	[50] Fast-Ion losses during the current ramp-up and disruptions of the ASDEX Upgrade tokamak	RUEDA RUEDA, Jose
17:20	[65] Experimental study of RMP induced fast-ion transport using FIDA spectroscopy at the ASDEX Upgrade tokamak	JANSEN VAN VUUREN, Anton
17:40	[36] Fast Ion Losses and Plasma Response Induced by externally Applied Magnetic Perturbations on DIII-D	GAGE, Kenneth