

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

Thursday, 9 December 2021

Collective Phenomena (Alfvén and Low Frequency Modes) (14:00 - 17:30)

-Conveners: Huishan Cai

time	[id] title	presenter
14:00	[77] Theoretical Studies of Low-frequency Alfvén Modes in Tokamak Plasmas	Dr MA, Ruirui
14:30	[56] Gyrokinetic simulation study of BAE and LFM properties in DIII-D plasma	CHOI, Gyungjin
14:50	[33] Toroidal Alfvén eigenmodes excited by energetic electrons in EAST low-density plasmas	ZHU, Xiang
15:10	[14] Nonlinear reversed shear Alfvén eigenmode saturation due to spontaneous zonal current generation	WEI, Shizhao
15:30	[10] Nonlinear simulations of Alfvén eigenmodes in CFQS plasmas	WANG, Hao
15:50	[16] Simulation of EP-driven nonlinear collective effects using Landau closure methods	SPONG, Donald
16:10	[30] Measurements of Alfvén Eigenmode stability in JET D and T plasmas	Dr TINGUELY, Roy
16:30	[34] Observation and interpretation of tornado modes coupled to near-axis Alfvén cascade eigenmodes in JET sawtooth plasmas	CALADO, Rui
16:50	[5] Plasma rotation caused by destabilized eigenmodes and improved plasma performance	Prof. KOLESNICHENKO, Yaroslav
17:10	[38] Energetic Particle-Induced Geodesic Acoustic Modes on DIII-D	LIN, Daniel