

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

Friday, 10 December 2021

Multiscale Physics and Instabilities in Burning Plasmas (15:10 - 17:40)

-Conveners: Masatoshi Yagi

time	[id] title	presenter
15:10	[61] Global gyrokinetic study of magnetic shaping effect in reversed magnetic shear plasmas	WANG, Wei
15:30	[73] Quantitative linear stability of TAEs in JET ITB scenarios designed for alpha driven modes in DT	FITZGERALD, Michael
15:50	[76] Regulation of Alfvén eigenmodes by microturbulence in fusion plasmas	LIU, Pengfei
16:20	[24] Integrated, self-consistent quasilinear modeling of fast ion relaxation in tokamaks	DUARTE, Vinicius
16:40	[54] Fast-ion transport optimization using the integrated TGLF-EP+Alpha Alfvén eigenmode transport model	BASS, Eric
17:00	[52] Feasibility of kinetic stability analysis in time-dependent simulations and applications for predictions and design of controlled plasma discharges	POLI, Francesca
17:20	[48] Multiscale Chirping modes Driven by Thermal Ions in a Plasma with Reactor-relevant Ion Temperature	DU, Xiaodi