

6th ICM Theory and Computation Workshop

Thursday, August 18, 2022

Thursday morning: New frontiers of theory and observations (9:00 AM - 12:30 PM)

-Conveners: Gianfranco Brunetti

time	[id] title	presenter
9:00 AM	[76] Micro- vs Macroscopic Transport in Clusters	HEINZ, Sebastian
9:25 AM	[40] Signatures of turbulent magnetic fields in merging galaxy clusters	CHADAYAMMURI, Urmila
9:50 AM	[56] Pushing the frontier of ICM physics with novel observations : new SITELLE observations of the filaments in the Perseus cluster	HLAVACEK-LARRONDO, Julie
10:15 AM	Coffee break	
11:00 AM	[67] In search of universality: towards a statistical mechanics of collisionless plasma	SCHEKOCIHIN, Alexander
11:25 AM	[60] On the acceleration efficiency of low-Mach number shocks	CAPRIOLI, Damiano
11:50 AM	[63] An Effective Collision Operator for Heat-Flux-Generated Whistler Turbulence	YERGER, Evan
11:55 AM	[41] A Turbulent Heating Mechanism via Magnetic Pumping in the Intracluster Medium of Galaxy Clusters (via Zoom)	LEY, Francisco
12:00 PM	Discussion: New frontiers of theory and observations	