



# 6th ICM Theory and Computation Workshop

## Thursday, 18 August 2022

### Thursday morning: New frontiers of theory and observations (09:00 - 12:30)

-Conveners: Gianfranco Brunetti

time	[id] title	presenter
09:00	[76] Micro- vs Macroscopic Transport in Clusters	HEINZ, Sebastian
09:25	[40] Signatures of turbulent magnetic fields in merging galaxy clusters	CHADAYAMMURI, Urmila
09:50	[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	Coffee break	
11:00	[67] In search of universality: towards a statistical mechanics of collisionless plasma	SCHEKOCIHIN, Alexander
11:25	[60] On the acceleration efficiency of low-Mach number shocks	CAPRIOLI, Damiano
11:50	[63] An Effective Collision Operator for Heat-Flux-Generated Whistler Turbulence	YERGER, Evan
11:55	[41] A Turbulent Heating Mechanism via Magnetic Pumping in the Intracluster Medium of Galaxy Clusters (via Zoom)	LEY, Francisco
12:00	Discussion: New frontiers of theory and observations	