



# 6th ICM Theory and Computation Workshop

## Tuesday, 16 August 2022

### Tuesday morning: Turbulence (09:00 - 12:30)

-Conveners: Prateek Sharma

time	[id] title	presenter
09:00	[69] Dynamical impact of magnetic fields and stratification on turbulence in massive galactic halos	RUSZKOWSKI, Mateusz
09:25	[45] Turbulence in the Intra-cluster Medium	LI, Yuan
09:50	[80] Cavity Detection Tool (CADET)	PLŠEK, Tomáš
09:55	[59] Idealized cloud crushing simulations in expanding background	DUTTA, Alankar
10:00	[95] Science communication with the Galactic Atmospheres Forum	VOIT, Mark
10:05	[58] Numerical simulation on the redistribution of AGN jet tails in merging cluster: Example of Abell 514	LEE, Wonki
10:15	Coffee break	
11:00	[49] Magneto-Thermal Instability in Galaxy Clusters	PERRONE, Lorenzo Maria
11:25	[55] As a matter of dynamical range – scale-dependent energy dynamics in magnetized turbulence	GRETE, Philipp
11:50	[42] A New Paradigm in X-ray Spectral Analysis	RHEA, Carter
11:55	[78] Exploring the X-ray filamentary structure in Frontier Fields Cluster MACSJ0717.5+3745	BREUER, Jean-Paul
12:00	Discussion: Turbulence	