

Session Program

15-19 Aug 2022

6th ICM Theory and Computation Workshop

Tuesday morning: Turbulence

Niels Bohr Institute, Auditorium A
Blegdamsvej 17 Copenhagen

Tuesday 16 August

09:00

Tuesday morning: Turbulence

Session | Convener: Prateek Sharma

09:00-09:25

Dynamical impact of magnetic fields and stratification on turbulence in massive galactic halos

Speaker

Mateusz Ruszkowski

09:25-09:50

Turbulence in the Intra-cluster Medium

Speaker

Yuan Li

09:50-09:55

Cavity Detection Tool (CADET)

Speaker

Tomáš Plšek

09:55-10:00

Idealized cloud crushing simulations in expanding background

Speaker

Alankar Dutta

10:00-10:05

Science communication with the Galactic Atmospheres Forum

Speaker

Mark Voit

10:05-10:10

Numerical simulation on the redistribution of AGN jet tails in merging cluster: Example of Abell 514

Speaker

Wonki Lee

10:15-11:00

Coffee break

11:00-11:25

Magneto-Thermal Instability in Galaxy Clusters

Speaker

Lorenzo Maria Perrone

11:25-11:50

As a matter of dynamical range - scale-dependent energy dynamics in magnetized turbulence

Speaker

Philipp Grete

11:50-11:55

A New Paradigm in X-ray Spectral Analysis

Speaker

Carter Rhea

	11:55-12:00	Exploring the X-ray filamentary structure in Frontier Fields Cluster MACSJ0717.5+3745
12:30	Speaker Jean-Paul Breuer	
	12:00-12:30	Discussion: Turbulence