



# 6th ICM Theory and Computation Workshop

## Monday, 15 August 2022

### Monday afternoon: Cosmological simulations (13:45 - 17:15)

-Conveners: Christoph Pfrommer

time	[id] title	presenter
13:45	[36] The Physics of Galaxy Cluster Outskirts	NAGAI, Daisuke
14:10	[68] X-ray manifestations of AGN feedback, mergers and satellite accretion with the IllustrisTNG simulations	PILLEPICH, Annalisa
14:35	[47] The interplay of SMBH feedback and the ICM in cosmological simulations	NELSON, Dylan
15:00	Coffee break	
15:45	[43] Magnetic Fields, Jets, Velocities, and Cosmic Rays in Merging Galaxy Clusters (via Zoom)	ZUHONE, John
16:10	[57] Effects of supermassive black hole feedback on galactic hot atmospheres	TRUONG, Nhut
16:35	[83] Reconstructing Cluster Merger Histories using Triple Merger Simulations	VAEZZADEH, Iraj
16:40	[52] Simulations of Large-Scale Cold Fronts and Subcluster Interactions in the Perseus Cluster	BELLOMI, Elena
16:45	Discussion: Cosmological simulations	