

Collaboration Workshop on Cosmology and Galaxy Formation

Friday, June 23, 2023

Gas: hot (9:00 AM - 10:20 AM)

-Conveners:

time	[id] title	presenter
9:00 AM	[M8] Introducing SIRIUS: a new semi-numerical method for simulating cosmic reionization and IGM heating	□, □
9:20 AM	[M4] Simulating the observations of hot gas and cold gas in ISM and CGM	Dr □, □
9:40 AM	[M5] The hot gas distribution, X-ray luminosity and baryon budget in L-Galaxies semi-analytic model of galaxy formation	Mr □, □□
10:00 AM	[S2] Transport mechanisms in the intracluster medium	□, □□

Gas: cold (10:40 AM - 12:00 PM)

-Conveners:

time	[id] title	presenter
10:40 AM	[M] Gas in semi-analytic model	XIE, Lizhi
11:00 AM	[S] Cosmic Evolution of Atomic and Molecular Gas within Dark Matter Halos	GUO, Hong
11:20 AM	[M] Empirical Models of the Atomic Hydrogen Content in Dark Matter Halos	LI, Zhixing
11:40 AM	[M] Conditional HI Mass Functions and the H I-to-halo Mass Relation in the Local Universe	LI, Xiao