

The 2nd Shanghai Assembly on Cosmology and Structure Formation

Tuesday, October 31, 2023

halo: assembly & clustering - Conference Hall (9:00 AM - 10:15 AM)

-Conveners: Jie Wang

time	[id] title	presenter
9:00 AM	A14 The depletion radius of dark matter halo	HAN, Jiaxin
9:25 AM	A23 A physical and concise halo model based on the depletion radius	ZHOU, Yifeng
9:40 AM	A1 Characterize the assembly of dark matter halos with protohalo size histories	WANG, Kai
10:00 AM	A25 Dependence of dark halo assembly bias on halo definition and orientation	MA, Qinglin

halo: assembly & clustering - Conference Hall (10:45 AM - 12:05 PM)

-Conveners: Houjun Mo

time	[id] title	presenter
10:45 AM	A19 Elucidating the impact of massive neutrinos on halo assembly bias	SONG, Yunjia
11:00 AM	A20 Galaxy-Halo Spin Alignment and Conservation in the IllustrisTNG Simulation	SHENG, Mingjie
11:15 AM	A17 Cosmic filament spin, boundary, and its impact on galaxy spin.	WANG, Peng
11:35 AM	A21 Anisotropic Distribution of Satellites around Pairs of Dark Matter Halos	GUO, Yanhan
11:50 AM	A22 Size—spin relation and angular momentum evolution of disc galaxies in hydrodynamical simulation	YANG, Hang