

Expanding the boundaries of dark matter halo

Monday, May 26, 2025

Halo Theory: Boundary dynamics - C204, Student Center (9:00 AM - 10:20 AM)

-Conveners: Surhud More		
time	[id] title	presenter
9:00 AM	[50] The depletion radius of dark matter halo	HAN, Jiaxin
9:30 AM	[33] The Dependence of Depletion Radius on Mass Accretion Rate	ZHOU, Jiale
9:50 AM	[38] Splashback radius as a probe of cosmology and astrophysics	SHIN, Tae-hyeon

Halo Theory: Boundary dynamics - C204, Student Center (10:45 AM - 11:45 AM)

-Conveners: Surhud More		
time	[id] title	presenter
10:45 AM	[48] Splashback radius of nonspherical dark matter halos and the cosmological implications	Prof. OKUMURA, Teppei
11:15 AM	[37] The splashback radius and the radial velocity profile of galaxy clusters in IllustrisTNG	PIZZARDO, Michele