

IAUS379: Dynamical Masses of Local Group Galaxies

Thursday 23 March 2023

SESSION 5 : Near-field cosmology and galaxy masses beyond the Local Group (14:00-15:35)

-Conveners: Angeles Pérez-Villegas

time	[id] title	presenter
14:00	[142] Stepping beyond our backyard: the era of Near-Field Cosmology	CRNOJEVIC, Denija
14:40	[108] Dark matter content and dynamical masses of ultra-diffuse galaxies in the Coma cluster	CHILINGARIAN, Igor
14:55	[15] Decoding Dark Matter with Stellar Streams from Beyond the Milky Way	PEARSON, Sarah
15:20	[125] A story of galaxy mass assembly from dynamical modelling of nearby galaxies	THATER, Sabine
15:22	[95] Dwarf Properties and Satellite Planes Beyond the Local Volume	HEESTERS, Nick
15:24	[66] Forming Blue Compact Dwarf Galaxy (BCD) through the Merger	CHHATKULI, Daya Nidhi
15:26	[126] The north-south asymmetry of the ALFALFA HI velocity width function	BROOKS, Richard
15:28	[44] Low-mass galaxy rotation curves that fail as dynamical mass tracers	OMAN, Kyle
15:30	[107] Dwarf early-type galaxies in the Coma and Virgo clusters: dynamical masses, kinematically-decoupled cores, stellar populations	GRISHIN, Kirill

Friday 24 March 2023

SESSION 5 : Near-field cosmology and galaxy masses beyond the Local Group (09:00-10:40)

-Conveners: Laura Watkins

time	[id] title	presenter
09:00	[143] Mass models of nearby galaxies from cold gas dynamics	LELLI, Federico
09:40	[100] On the baryon-driven contraction of dark matter halos	LI, Pengfei
09:55	[38] The oblateness of the dark matter halos of nearby galaxies and its correlation with gas mass fractions	DAS, Mousumi
10:10	[61] EDGE: Predicting Scatter in the Stellar Mass–Halo Mass Relation for Dwarf Galaxies	KIM, Stacy
10:25	[76] Too Big to Fail? 6D Stellar Streams in the Milky Way and Cosmological Simulations	SHIPP, Nora

SESSION 5 : Near-field cosmology and galaxy masses beyond the Local Group (11:20-13:00)

-Conveners: Laura Watkins

time	[id] title	presenter
11:20	[81] The coherent motion of Cen A dwarf satellite galaxies as a challenge for cosmology	MÜLLER, Oliver
11:45	[51] Centaurus A, its globular clusters, planetary nebulae and dark matter halo shape	VERŠIČ, Tadeja
12:00	[62] New Satellite Dwarf Galaxies of NGC2683 and M104 and the Search for Satellite Planes.	CROSBY, Ethan
12:15	[114] Precise constrained cosmological simulations of the Local Group	WEMPE, Ewoud
12:30	[55] Forming the Local Group satellite planes in a past Milky Way-Andromeda flyby	BANIK, Indranil
12:45	[104] A dynamical mass map of the nearby Fornax galaxy cluster	CHATURVEDI, Avinash