

IAUS379: Dynamical Masses of Local Group Galaxies

Wednesday 22 March 2023

SESSION 4 : The Magellanic System: the Clouds, the Stream and the Leading Arm (15:30-16:05)

-Conveners: Oliver Müller

time	[id] title	presenter
15:30	[70] Exploring the kinematics of the Magellanic stellar periphery	CULLINANE, Lara
15:55	[128] Ages, metallicities and structure of stellar clusters in the Magellanic Bridge	OLIVEIRA, Raphael A. P.
15:57	[68] Stromgren photometric metallicity map of the Small Magellanic Cloud using Gaia DR3-XP spectra.	ONDIVILLU OMKUMAR, Abinaya
15:59	[58] Spatio- temporal formation history and kinematics of star clusters in the Magellanic Clouds: Propagation of cluster formation and the LMC bar	SATHIAVALS RESELAMMAL, Dhanush
16:01	[82] Tracing the structure and history of the Small Magellanic Cloud using Call Triplet spectroscopy	NAVABI, Mahdieh
16:03	[60] Modeling Dark Matter Halo Spin using Observations and Simulations: application to UGC 5288	SIOREE, Ansar

SESSION 4 : The Magellanic System: the Clouds, the Stream and the Leading Arm (16:50-18:00)

-Conveners: Oliver Müller

time	[id] title	presenter
16:50	[141] The Magellanic System	D'ONGHIA, Elena
17:30	[28] The Mass of the Large Magellanic Cloud	WATKINS, Laura
17:45	[25] The Formation of Magellanic System and the total mass of Large Magellanic Cloud	WANG, Jianling

Thursday 23 March 2023

SESSION 4 : The Magellanic System: the Clouds, the Stream and the Leading Arm (09:00-10:30)

-Conveners: Ekta Patel

time	[id] title	presenter
09:00	[113] The OC stream's evolution in the dark matter haloes of the Milky Way and the LMC	ERKAL, Denis
09:25	[37] The stellar halo's response as a probe of the LMC to MW mass ratio	ROZIER, Simon
09:40	[59] The LMC-induced distortion of the Milky Way (and vice versa)	PETERSEN, Michael
09:55	[50] The impact of massive satellites on the kinematic properties of the Local Group satellite galaxies	GARAVITO CAMARGO, Nicolas
10:10	[42] Multiband study of Shell region in the North-Eastern Small Magellanic Cloud using UVIT/AstroSat and Gaia	HOTA, Sipra
10:12	[118] Direct Observations of the Primordial Magellanic Corona	KRISHNARAO, Dhanesh
10:14	[27] SMASHing the Small Magellanic Cloud: star formation history	JOANNA, Sakowska
10:16	[63] Velocity dipoles in the halos of FIRE simulated galaxies	RILEY, Alex

SESSION 4 : The Magellanic System: the Clouds, the Stream and the Leading Arm (11:15-11:45)

-Conveners: Ekta Patel

time	[id] title	presenter
11:15	[74] The dynamical mass of the Large Magellanic Cloud as measured by its system of star clusters	NIEDERHOFER, Florian
11:30	[18] Large-scale gas flows in the Local Group	RICHTER, Philipp