

SIMBA Collaboration Meeting

Monday, May 1, 2023

Morning Session - Ingrid Daubechies Auditorium/2-IDA (10:00 AM - 12:55 PM)

-Conveners: Doug Rennehan

time	[id] title	presenter
10:00 AM	[1] Welcome & Simba status report	DAVÉ, Romeel
10:20 AM	[2] Powderday: Usage and applications	NARAYANAN, Desika
10:45 AM	Coffee Break	
11:30 AM	[3] The interplay of dual black hole accretion and feedback modes in SIMBA	ANGLES-ALCAZAR, Daniel
11:55 AM	[10] Exploring the link between feedback and galaxy star formation history	IYER, Kartheik
12:20 PM	[9] The impact of feedback on haloes and large-scale structure	SORINI, Daniele

Tuesday, May 2, 2023

Morning Session - Ingrid Daubechies Auditorium/2-IDA (9:30 AM - 12:55 PM)

-Conveners: Desika Narayanan

time	[id] title	presenter
9:30 AM	[12] CAMELS	VILLAESCUSA-NAVARRO, Paco
9:55 AM	[13] Modelling the Cosmology and Astrophysics Dependent Galaxy-Halo Relationship using Normalizing Flows and the CAMEL Simulations **REMOTE**	LOVELL, Chris
10:20 AM	[14] Using CNN to Predict Galaxy Properties	KIM, Jinoo
10:45 AM	Coffee Break	
11:30 AM	[15] Cosmic Sands: The Origin of High-z Dusty Galaxies	LOWER, Sidney
11:55 AM	[16] The rapid evolution of galaxies' ISM in the metric of cosmic web **REMOTE**	DONEVSKI, Darko
12:20 PM	[17] Improved Dust and H2 Modelling in SIMBA **REMOTE**	JONES, Ewan

Wednesday, May 3, 2023

Morning Session - Ingrid Daubechies Auditorium/2-IDA (9:30 AM - 12:55 PM)

-Conveners: Arif Babul

time	[id] title	presenter
9:30 AM	[23] The Physically Evolved Wind Model	KATZ, Neal
9:55 AM	[24] Absorption lines of wind particles in simulations	YANG, Lisiyuan
10:20 AM	[11] Revealing the subtle differences in the stellar-to-halo mass relationship between different models through subhalo tracking	GABRIELPILLAI, Austen
10:45 AM	Coffee Break	
11:30 AM	[26] Radio galaxies in Simba and comparisons to MIGHTEE **REMOTE**	THOMAS, Nicole
11:55 AM	[27] Physical properties of JWST galaxies via machine learning **REMOTE**	LI, Qingyang
12:20 PM	[28] The evolution of early quenched galaxies in Simba **REMOTE**	SZPILA, Jakub