

SIMBA Collaboration Meeting

Monday, May 1, 2023

Afternoon Session - Ingrid Daubechies Auditorium/2-IDA (2:00 PM - 5:00 PM)

-Conveners: Daniel Anglés-Alcázar

time	[id] title	presenter
2:00 PM	[6] Simulating Galaxy Groups and their Massive Central Galaxies	BABUL, Arif
2:25 PM	[7] Group X-ray scaling relations and mass bias in SIMBA	JENNINGS, Fred
2:50 PM	[8] ISM evolution in the SIMBA cosmological simulation: galaxies in cluster environment **REMOTE**	LORENZON, Guiliano
3:15 PM	Coffee Break	
3:45 PM	[5] Characterizing AGN Feedback Processes at $z \sim 1$ with SIMBA	GRAYSON, Skylar
4:10 PM	[4] Probing the impact of AGN feedback on gas distribution with SIMBA and IllustrisTNG	YANG, Tianyi
4:35 PM	[25] AGN feedback effects on the low redshift Lyman-alpha forest	TILLMAN, Megan

Tuesday, May 2, 2023

Afternoon Session - Ingrid Daubechies Auditorium/2-IDA (2:00 PM - 4:35 PM)

-Conveners: Neal Katz

time	[id] title	presenter
2:00 PM	[18] Zoomed-in simulations with SIMBA	CUI, Weiguang
2:25 PM	[19] Charting the redshift evolution of metallicity indicators using SIMBA	GARG, Prerak
2:50 PM	[20] SIMBA predicts exotic H ₂ gas-to-dust ratios in quiescent galaxies	WHITAKER, Kate
3:15 PM	Coffee Break	
3:45 PM	[21] Cosmic Evolution of Atomic and Molecular Gas within Dark Matter Halos	LIU, Kexin MA, Wenlin
4:10 PM	[22] The History of Dust-obscured Star Formation	ZIMMERMAN, Dhruv

Wednesday, May 3, 2023

Afternoon Session - Ingrid Daubechies Auditorium/2-IDA (2:00 PM - 4:00 PM)

-Conveners: rachel somerville

time	[id] title	presenter
2:00 PM	[29] Introduction to Simba-C: an updated chemical enrichment model	HOUGH, Renier
2:25 PM	[30] Kiara	DAVÉ, Romeel
2:50 PM	[31] Zoom Simulations with SWIFT **REMOTE**	ROPER, Will
3:15 PM	Coffee Break	
3:45 PM	[41] Ongoing and future projects discussion – Romeel Davé et al.	