



# CAMELS Workshop

## Wednesday, November 30, 2022

**Galaxies and their halos, baryonic effects, CGM: Talks I - 3rd Floor Conference Room/3-Simons Foundation (9:30 AM - 10:45 AM)**

time	[id] title	presenter
9:30 AM	[3] Estimating the effects of feedback on matter clustering with machine learning	DELGADO, Ana Maria
9:45 AM	[4] Cosmological Baryon Spread and Impact on Matter Power Spectrum in CAMELS	GEBHARDT, Matthew
10:00 AM	[5] Matter power suppression and feedback with CAMELS	PANDEY, Shivam
10:15 AM	[35] The impact of large-scale environment on galaxy evolution in CAMELS	SIMS, Xavier
10:30 AM	[7] Small-Scale Galaxy Clustering: Halo Model Extensions & Lingering Tension	BELTZ-MOHRMANN, Gillian

**Galaxies and their halos, baryonic effects, CGM: Talks II - 3rd Floor Conference Room/3-Simons Foundation (11:15 AM - 12:30 PM)**

time	[id] title	presenter
11:15 AM	[8] More robust astrophysical scaling relations with CAMELS	WADEKAR, Digvijay (Jay)
11:30 AM	[11] CAMELS at Cornell	MOSER, Emily
11:45 AM	[13] Probing the Impact of Feedback on WHIM Detection with X-ray Absorption Lines in the Warm-Hot Intergalactic Medium using CAMEL simulations	LAU, Erwin
12:00 PM	[9] Quantifying the cosmic web in CAMELS	MERCEDES FELIZ, Jonathan
12:15 PM	[12] Studying the Warm Hot Intergalactic Medium in emission: a reprise	PARIMBELLI, Gabriele

**Galaxies and their halos, baryonic effects, CGM: Talks III - 3rd Floor Conference Room/3-Simons Foundation (2:00 PM - 3:30 PM)**

time	[id] title	presenter
2:00 PM	[14] The Lyman Alpha Forest and Camels	COULTON, Will
2:15 PM	[15] Lyman alpha tomography at cosmic noon	QEZLOU, Mahdi
2:30 PM	[16] AGN Feedback Effects on the Low Redshift Lyman-alpha Forest	TILLMAN, Megan
2:45 PM	[17] The SMBH-CGM Connection via Machine Learning	OPPENHEIMER, Benjamin
3:00 PM	[18] Feedback cycle in CAMELS	SINGH, Priyanka
3:15 PM	[19] Probing the Physics of Circum-Galactic Medium using Fast Radio Bursts: Insights from CAMELS simulations	MEDLOCK, Isabel

**Galaxies and their halos, baryonic effects, CGM: Discussion - 3rd Floor Conference Room/3-Simons Foundation (4:00 PM - 5:00 PM)**