



# 2023 Summer Collaboration Meeting

## Monday, 31 July 2023

### Plenary Science: CMB x LSS (13:00 - 14:30)

-Conveners: Mathew Madhavacheril

time	[id] title	presenter
13:00	[68] CMB Lensing for large-scale structure	MILLEA, Marius
13:18	[69] Synergy with SPHEREx	CUKIERMAN, Ari
13:36	[70] SZ observables and feedback	MCCARTHY, Fiona
13:54	[71] Joint analyses with galaxy surveys	MARQUES, Gabriela
14:12	[72] Joint simulations of CMB and galaxy observables	LIU, Jia

# Tuesday, 1 August 2023

**Plenary Science: Inflation (09:00 - 10:30)**

time	[id] title	presenter
09:00	[84] Introduction to session---inflation science overview	CALDWELL, Robert
09:15	[85] Gravitational Waves from Inflation with CMB-S4	FLAUGER, Raphael
09:45	[86] Gravitational Wave Cosmology with NANOGrav	MINGARELLI, Chiara
10:15	[87] Cosmic birefringence	CALDWELL, Robert

**Plenary Science: Transients (11:00 - 12:00)**

time	[id] title	presenter
11:00	[61] Stellar Flares	OSTEN, Rachel
11:30	[62] Infrastructure for Transient Alerts and Source Characterization	MENANTEAU, Felipe

# Wednesday, 2 August 2023

## Plenary Science: Galactic Science (09:00 - 10:00)

-Conveners: Michael Busch; Giuseppe Puglisi

time	[id] title	presenter
09:00	[63] Polarized Emission of Dust Filaments	HALAL, George
09:15	[64] Synergies between Faraday rotation and polarized dust emission	TAHANI, Mehrnoosh
09:30	[66] Mapping The Temperature of Galactic Stardust In 3D	ZELKO, Ioana
09:45	[67] Dark Molecular Gas: And Other Synergies between Dust and Gas Tracers	BUSCH, Michael

## Plenary Science: Clusters (11:00 - 12:00)

-Conveners: Boris Bolliet; Srinivasan Raghunathan

time	[id] title	presenter
11:00	[73] From SPT to S4 cluster catalogue and multi wavelength observations	BLEEM, Lindsey
11:10	[74] From ACT to S4 clusters and ymaps	COULTON, Will
11:18	[75] Cluster finder and likelihoods	ZUBELDIA, Inigo
11:23	[76] Baryon Pasting	LAU, Erwin
11:33	[77] Projected-field kSZ	KUSIAK, Aleksandra
11:38	[78] kSZ velocity reconstruction	JOHNSON, Matthew
11:46	[79] Clusters x LSS joint analyses and covariance	TO, Chun-Hao
11:54	[80] Other topics in SZ science	RAGHUNATHAN, Srinivasan BOLLIET, Boris

## Plenary Science: Beyond-the-Standard-Model Physics (15:00 - 16:00)

time	[id] title	presenter
15:00	[81] Tensions and Neutrino Physics	BIANCHINI, Federico
15:30	[82] Cosmological constraints on massive light relics: current status	Dr GERBINO, Martina