

2021 Meeting of the Division of Particles and Fields of the American Physical Society (DPF21)

Tuesday, 13 July 2021

Astoparticles and CMB: AST 3J - Track J (14:30 - 16:00)

-Conveners: Ivan Esteban; Kevin Huffenberger

time	[id] title	presenter
14:30	[158] CMB Birefringence due to ultralight axion string networks	JAIN, Mudit
14:45	[367] Cosmological collider physics beyond the inflationary Hubble scale	BODAS, Arushi
15:00	[384] The Design and Integrated Performance of SPT-3G	SOBRIN, Joshua
15:15	[400] SPT-SLIM: A pathfinder for millimeter-wavelength line-intensity mapping on the South Pole Telescope	ANDERSON, Adam
15:30	[404] Probing the early universe through the polarization of the Cosmic Microwave Background	GUALTIERI, RICCARDO
15:45	Break	

Astoparticles and CMB: AST 4J - Track J (16:15 - 17:45)

-Conveners: Barmak Shams Es Haghi; Sridhara Dasu

time	[id] title	presenter
16:15	[153] Polynomial Inflation and Dark Matter	XU, Yong
16:30	[108] Constraints on Axions from Cosmic Distance Measurements	Dr SUN, Chen
16:45	[297] Self-interacting neutrinos as a solution(?) to the Hubble tension	DAS, Anirban
17:00	[335] When FIMPs Decay into Neutrinos: The Neff Story	SABTI, Nashwan
17:15	[345] Transitioning Dark Sectors and the Hubble Tension	JOSEPH, Melissa
17:30	[396] Dark-matter searches with 21-cm	MUNOZ, Julian

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Astroparticles and CMB: AST 6E - Track E (16:15 - 17:45)

-Conveners: Todd Adams; Kristi Engel

time	[id] title	presenter
16:15	Break	
16:30	[369] Dark Radiation from Spinning PBHs in the Early Universe - Precision Calculation and Constraints	SANDICK, Pearl
16:45	[294] Overview of the GRAMS (Gamma-Ray and AntiMatter Survey) Project	ARAMAKI, Tsuguo
17:00	Break	