



# 2019 Meeting of the Division of Particles & Fields of the American Physical Society

## Tuesday, July 30, 2019

### Cosmology & Dark Energy - West Village G 106 (2:00 PM - 3:30 PM)

-Conveners: Vivian Miranda; Neelima Sehgal; Michael Troxel

time	[id] title	presenter
2:00 PM	[441] Inhomogeneous Initial Conditions and the Start of Inflation	FITZPATRICK, Patrick
2:18 PM	[421] Coherent Enhancement of the Axion Decay Constant in Inflation and the Weak Gravity Conjecture	PISKUNOV, Maksim
2:36 PM	[377] Inflatinary Cosmology as a Precision Test of Quantum Mechanics	Dr ROSENZWEIG, Carl
2:54 PM	[5] Inflation, dark energy and dark matter in supergravity	Prof. KETOV, Sergei V.
3:12 PM	[288] Dark Energy as a New Base Energy Tier	Dr GORDON, Scott

### Cosmology & Dark Energy - West Village G 106 (4:00 PM - 6:00 PM)

-Conveners: Neelima Sehgal; Michael Troxel; Vivian Miranda

time	[id] title	presenter
4:00 PM	[381] Constraining Temporal Oscillations of Cosmological Parameters Using Type Ia Supernovae	Mr BROWNSBERGER, Sasha
4:30 PM	[387] Enhancing Dark Energy Constraints from Redshift-Space Galaxy Clustering	ZHENG, ZHENG
5:00 PM	[444] Upcoming large-scale structure cosmology results from the Dark Energy Survey Year 3	ELVIN-POOLE, Jack
5:30 PM	[136] Weak-Lensing Mass Calibration of $\mu_{\star}$ at High Redshifts with the Dark Energy Survey Year 1	Dr DA SILVA PEREIRA, Maria Elidaiana