



Contribution ID: 856

Type: **Invited talk in the parallel session**

Exploring Cosmological Concordance with ACT DR4, Planck, and Beyond

Thursday, 8 July 2021 17:11 (22 minutes)

I will discuss recent and ongoing work focused on attempts to restore concordance amongst cosmological data sets in the context of the H_0 and S_8 tensions. Particular attention will be paid to models invoking new physics at or prior to recombination, including small-scale baryon-clumping models (e.g., due to primordial magnetic fields) and quasi-accelerating early dark energy models.

Primary author: HILL, J. Colin (Columbia University)

Presenter: HILL, J. Colin (Columbia University)

Session Classification: Status of the H_0 and Σ_8 Tensions: Theoretical Models and Model-Independent Constraints

Track Classification: Cosmic Microwave Background: Status of the H_0 and σ_8 tensions: theoretical models and model-independent constraints