

No tension on S_8 ?

lundi 6 novembre 2023 17:50 (20 minutes)

I will discuss various methods for determining the amplitude of matter fluctuations in the recent universe. I will demonstrate that the combination of RSD (Redshift Space Distortions) and Pantheon+ data leads to a high amplitude within the Λ CDM (Lambda Cold Dark Matter) model, consistent with the CMB (Cosmic Microwave Background) data. I will present several independent datasets pointing to the same conclusion.

Auteur principal: BLANCHARD, ALAIN (IRAP , OMP)

Co-auteurs: LAMINE, Brahim (IRAP); TUTUSAUS, Isaac (ICE/IRAP); M. HÉLORET, Jean-Yves (IRAP, UPS, Toulouse); ILIC, Stéphane (IJCLab)

Orateur: BLANCHARD, ALAIN (IRAP , OMP)

Classification de Session: Review and contribution talks