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Simulating the impact of baryon physics on large-scale structure

Monday, 8 April 2024 09:45 (25 minutes)

I will present results from the FLAMINGO suite of large-volume cosmological hydrodynamical simulations on the impact of baryons on various large-scale structure observables and its implication for the 'S8 tension'. I will also discuss the crucial role that independent measurements of the intragroup medium play and I will examine the consistency between various data sets (particularly, X-ray, kSZ, and tSZ).

Presenter: MCCARTHY, Ian