

Cosmic Microwave Background Polarization Measurements and Cosmological Data Tensions

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Recent advancements in CMB measurements have offered a detailed window into the cosmos. However, this progress has also led to tensions between the outcomes of various cosmological observations, challenging the coherence of our current cosmological model. This talk delves into the implications of CMB polarization measurements on large angular scales, which appear to significantly amplify the level of existing tensions. This raises the pivotal question: does this signify new physics or stem from systematic errors?

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