Séminaire LAL

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Improving large-scale structure data with CMB secondary anisotropies for cosmology

Cosmology is at an exciting stage, where the existence of mild tensions between different datasets, combined with the promising potential of current and future experiments in terms of statistical power, may allow us to detect departures from the standard cosmological model, and provide a window into new physical phenomena. In this talk I will review some of these tensions and describe how cross-correlations of large-scale structure surveys and observations of CMB secondary anisotropies can help explore them and in general improve our understanding of low-redshift cosmology.

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