



Our simple, strange universe

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Our universe seems to be remarkably simple: a model with five parameters, the age of the universe, the density of atoms, the density of matter, the amplitude of primordial fluctuations and their dependence on scale fit all of our observations of the microwave background and the large-scale structure. The model implies the existence of dark matter, dark energy, and an early epoch of inflation. I will review the recent observations and discuss the current frictions with measurements of the Hubble constant.



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Physics Building Room 202

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