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CERN Colloquium: 'The Cosmological Standard Model and Its Implications for Beyond the Standard Model of Particle Physics'

Thursday 28 July 2011 16:30 (1 hour)

While the cosmological standard model has many notable successes, it assumes 95% of the mass-energy density of the universe is dark and of unknown nature, and there was an early stage of inflationary expansion driven by physics far beyond the range of the particle physics standard model. In the colloquium I will discuss potential particle-physics implications of the standard cosmological model.

Presenter: Dr KOLB, Edward (Rocky) (University of Chicago)