

Dark Energy (Part 2)

Friday 14 January 2011 10:00 (1 hour)

- Lambda-CDM and its problems * canonical scalar field models of dark energy * parametrisation of the DE equation of state, how to measure it (with special emphasis on using SN-Ia to probe the luminosity distance), current constraints * models that modify gravity * impact on perturbations in the Universe (e.g. growth of structure) * outlook (future experiments, e.g. Euclid)

Presenter: KUNZ, Martin (Unknown)