

Reverse Engineering the Universe

Thursday 4 July 2019 08:45 (1h 15m)

I will give a brief review of inflationary cosmology, including its motivation, observational status, the problem of initial conditions, and the string landscape scenario. I will also describe the problems with hilltop inflation and then I will show that the theory of alpha-attractors and D-brane inflation together can completely cover the range of values of n_s and r favored by Planck 2018.

Presenter: LINDE, Andrei (Stanford University)

Session Classification: Beyond IV