



Centro de Ciências Exatas
Programa de Pós-Graduação em
Astrofísica, Cosmologia e Gravitação



CONFERÊNCIA

Cosmic inflation: physics at the edge of the Universe

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Resumo

As we look out into the Universe we are looking back in time. At the edge of our observable Universe we are seeing the infant cosmos shaped by high energy physics, quantum fields and gravity. Inflation is a period of accelerated expansion in the very early universe; it has become widely accepted in recent years as an explanation for many of the observed features of our Universe. This talk will explore how inflation also offers an explanation for the origin of the large-scale structure seen in our Universe today from quantum fluctuations at very early times.

Dia: 02 de março de 2017 (quinta-feira)

Horário: 11 horas

Local: Auditório do PPGFis