

Institut Ruđer Bošković
ZAVOD ZA TEORIJSKU FIZIKU
Bijenička c. 54
ZAGREB, HRVATSKA

SEMINAR ZAVODA ZA TEORIJSKU FIZIKU
(Zajednički seminari Zavoda za teorijsku fiziku,
Zavoda za eksperimentalnu fiziku i Zavoda za teorijsku fiziku PMF-a)

Phase transitions and asymptotic state on de Sitter

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Datum: ponedjeljak, 28. listopada 2013.

Vrijeme : 14:00 sati c.t.

Mjesto: IRB, dvorana I krila

Abstract:

I will consider an $O(N)$ model on de Sitter. Making use of Stochastic inflation, which is a nonperturbative scheme for inflationary cosmology, I will show that a broken symmetry in an $O(N)$ model eventually gets restored. I will also discuss the asymptotically late state of an interacting scalar field on de Sitter. If time permits, I will speculate about the relevance of this study for cosmological perturbations.

Voditeljica seminara: Dr. Kornelija Passek-Kumerički
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