

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)

Variable Chaplygin gas - the heart of darkness?

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Datum: petak, 19. rujna 2008.

Vrijeme : 15:00 sati c.t.

Mjesto: IRB, predavaona I krila

Sažetak:

The evidence that the universe consists of 4% baryonic matter, 21% dark matter and 75% dark energy is discussed briefly. The variable Chaplygin gas model, which unifies dark matter and dark energy, is introduced to see if it sheds any light on the dark sector. In particular we look at the evolution of cosmological perturbations in order to determine if the correct structures are produced by this model.

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