



Prirodno-matematički fakultet - Niš
Odsek za fiziku, Katedra za teorijsku fiziku



Predavanje:

PREDAVAČ: DR COSMIN CRUCEAN
West University of Timisoara, Theoretical and Applied Physics,
Timisoara, Romania

**PERTURBATIVE QED ON
DE SITTER UNIVERSE**

ABSTRACT:

The theory of interaction between fields on de Sitter universe is developed using the same methods as in Minkowski theory. The scattering amplitudes in the first order of perturbation theory are calculated and the physical consequences of our result are discussed. One obtains that contrary with Minkowski case the modulus of momentum is not conserved.

MESTO: SVEČANA SALA PMF-A (I SPRAT), VIŠEGRADSKA 33

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