



Contribution ID : 97

Type : **Contributed talk**

Cosmological domain walls from Higgs effective potential

Tuesday, 24 May 2016 15:20 (20)

The study of the renormalisation group improved effective potential of the Standard Model has revealed the existence of the local minima at strengths of the order of 10^{10} GeV. If the Standard Model is valid for very high energy scales, then the possibility of the production of cosmological domain walls in the early Universe occurs. We investigated the dynamics of the network of domain walls using lattice simulations. Our recent results will be presented.

Primary author(s) : KRAJEWSKI, Tomasz (University of Warsaw)

Co-author(s) : Mr. LEWICKI, Marek (University of Warsaw); Mr. OLSZEWSKI, Paweł (University of Warsaw); Prof. LALAK, Zygmunt (University of Warsaw)

Presenter(s) : KRAJEWSKI, Tomasz (University of Warsaw)

Session Classification : Cosmo 2

Track Classification : Astro/Cosmo/Neutrinos