

Evolution of the Universe to the present Inert phase

Friday 17 July 2009 15:45 (15 minutes)

We study 2HDM with an Z_2 symmetry conserved both at the Lagrangian level and in states, assuming Model I for the Yukawa interaction. Such model can offer a candidate for a dark matter. We consider possible evolution of Universe after EWSB phase transition to the present Inert phase.

Primary author: Prof. KRAWCZYK, Maria (University of Warsaw)

Co-authors: SOKOŁOWSKA, Dorota (University of Warsaw); Prof. GINZBURG, Ilya (Sobolev Institute of Mathematics and Novosibirsk State University); KANISHEV, Konstantin (Sobolev Institute of Mathematics and Novosibirsk State University)

Presenter: Prof. KRAWCZYK, Maria (University of Warsaw)

Session Classification: III. Higgs and New Physics

Track Classification: Higgs and New Physics