

Electroweak Baryogenesis, Dark Matter and Supersymmetry

Friday 13 July 2007 14:00 (1 hour)

I will review the present status of the analyses of the possibility of implementing the mechanism of generation of the baryon-antibaryon asymmetry at the electroweak scale, in supersymmetric extensions of the Standard Model. I will discuss the interrelation of this mechanism with the origin of dark matter, as well possible tests of these scenarios at the Tevatron and the LHC, as well as in dark matter detection and electric dipole moments experiments.

Presenter: WAGNER, Carlos

Session Classification: Seminar