

SuperIso Relic new extensions for direct and indirect detection

lundi 25 juin 2018 17:30 (20 minutes)

SuperIso Relic is a public computing program for the calculation of flavour observables and relic density in supersymmetry (MSSM and NMSSM). We present new extensions of the code dedicated to the calculation of dark matter direct and indirect detection constraints from the latest experiment results. After presenting the new features of the program in particular the treatment of the relevant uncertainties, I will show some exemplified results and implications.

Auteurs principaux: ROBBINS, Glenn (CRAL); MAHMOUDI, Nazila (Lyon University); ARBEY, Alexandre (CRAL Lyon)

Orateur: ROBBINS, Glenn (CRAL)

Classification de Session: Parallel II

Classification de thématique: Indirect detection