



ID de Contribution: 118

Type: **Contribution orale**

The dark matter puzzle

mercredi 5 juillet 2023 08:30 (25 minutes)

The problem of missing mass in the Universe, at the scale of galaxies, large-scale structures, and its global content, is a multi-faceted enigma. In the cold dark matter scenario, one of the main candidate for the non-baryonic particles, is the neutralino, the most stable of the super-symmetric particles.

However, supersymmetry does not appear as expected in the LHC experiments at CERN. Many other models have blossomed in recent years, we will describe some alternatives such as axions, sterile neutrinos, or modified gravity.

Affiliation de l'auteur principal

Observatoire de Paris

Auteur principal: COMBES, Françoise (Observatoire de Paris)

Orateur: COMBES, Françoise (Observatoire de Paris)

Classification de Session: Mini-colloques: MC06 La gravitation et l'antimatière

Classification de thématique: MC6 La gravitation et l'antimatière