



ID de Contribution: 15

Type: **Non spécifié**

Antimatter cosmic rays : backgrounds or signals ?

mercredi 11 mars 2009 11:10 (20 minutes)

Recent PAMELA data seem to indicate an excess in positron cosmic rays around ~ 10 GeV that may be due to galactic Dark Matter particle annihilation. I will explain how the background of this signal is estimated and focus on the uncertainties that make our task difficult in constraining Dark Matter. I will explain how analysing simultaneously different cosmic ray particles is the only way to have an insight in the nature of Dark Matter.

Auteur principal: M. DELAHAYE, Timur (LAPTh (Annecy, France))

Orateur: M. DELAHAYE, Timur (LAPTh (Annecy, France))

Classification de Session: Flavour Physics - Dark Matter