



Contribution ID: 837

Type: **Parallel**

Determination of Anisotropy of Elementary Particles

Analysis of anisotropy of the arrival directions of galactic positrons, electrons and protons has been performed with the Alpha Magnetic Spectrometer on the International Space Station. This measurement allows to differentiate between point-like and diffuse sources of cosmic rays for the understanding of the origin of high energy positrons. The AMS results of the dipole anisotropy are presented along with the discussion of the implications of these measurements.

Secondary track

Authors: RODRIGUEZ, Iñaki (CIEMAT); CASAUS, Jorge (CIEMAT); VELASCO, Miguel Angel (CIEMAT); MOLERO, Miguel (IAC)

Session Classification: T01

Track Classification: T01 - Astroparticles, Gravitation and Cosmology