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The Pamela cosmic ray observatory: a platform for high precision measurements at 1 AU

Thursday, 23 May 2013 09:00 (20 minutes)

In this presentation we will review and discuss the main scientific results of the PAMELA mission. Since 2006, the space spectrometer PAMELA has been providing high-precision data for cosmic rays of galactic, solar, trapped and terrestrial origin in the energy range 100MeV-1.2 TeV, often challenging the current understanding of production and propagation of particles in the galaxy and in the solar system. We will also provide an update on the mission and its perspectives.

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