

Latest Results from the Alpha Magnetic Spectrometer

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The Alpha Magnetic Spectrometer (AMS) was installed aboard the International Space Station on May 19, 2011. In eight years AMS has collected over 145 billion cosmic rays. AMS conducts searches for the origin of antimatter, dark matter, and new phenomena through the precision measurement of cosmic rays. The latest AMS results on cosmic ray positrons, electrons, antiprotons, protons, nuclei, and the time variation of cosmic ray fluxes will be presented. The impact of these measurements on our understanding of the physics of cosmic rays will also be discussed.

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