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Recent results of the AMS-02 experiment on the ISS

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The Alpha Magnetic Spectrometer (AMS) is a multi-purpose particle physics detector designed to perform accurate measurements of cosmic ray (CR) charged particles in the GeV-TeV range. In 2011 it was installed onboard the International Space Station (ISS) and it continues taking data steadily since then. So far, AMS-02 has collected more than 100 billion charged cosmic ray events.

AMS-02 has provided precise measurements that cannot be fully explained within the current understanding of CRs origin and propagation. The latest AMS results will be presented.

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