



CERN Colloquium

SPEAKER: Samuel Ting

TITLE: **Latest Results from the AMS Experiment on the International Space Station**

DATE: 24 May 2018, 16:30

PLACE: 500-1-001 - Main Auditorium

ABSTRACT

In seven years on the Space Station, AMS has collected more than 115 billion charged cosmic rays with energies up to multi TeV. The measured positron spectra agrees well with dark matter models. The energy dependence of elementary particles (electrons, positrons, protons and antiprotons) as well as the rigidity dependence of primary cosmic rays and secondary cosmic rays are unique and distinct. These results require a new understanding of the cosmos.