

Avviso di Seminario

Giovedì 18-09-2014, 16:30

in Aula E - 3° piano, edificio di Via Pascoli snc
sarà trasmesso in diretta lo SPECIAL CERN Colloquium

New Results from AMS on the International Space Station
by Nobel Laureate Prof. Samuel Ting (CERN & MIT(US))

<https://indico.cern.ch/event/340885/>

<http://webcast.cern.ch/>

Abstract:

The Alpha Magnetic Spectrometer is a precision particle physics detector. It was installed on the International Space Station on May 19, 2011. Results on electrons and positrons from the first 41 billion events will be presented. This includes the behavior of the positron fraction as a function of energy and the observation that the positron fraction reaches its maximum at energy 275 ± 32 GeV. The measurement of the positron flux and the electron flux shows that both fluxes change their behavior at 30 GeV but the fluxes are significantly different in their magnitude and energy dependence. The combined ($e^+ + e^-$) flux will also be presented.



A seguire i membri del gruppo locale della collaborazione AMS
risponderanno ad eventuali domande.

La partecipazione è aperta a tutti i dipendenti, assegnisti e borsisti del
Dipartimento e degli Enti di Ricerca afferenti ad esso, e agli studenti dei
Corsi di Laurea, Laurea Magistrale e Dottorato.