

PHYSICAL COLLOQUIUM
INVITATION

Monday, 05.11.2018, 4.15 p.m., W2-1-148

speaks

Dr. Manuela Vecchi,

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about

"Galactic cosmic rays in view of AMS-02 recent results"

Recent results by AMS-02 experiment, taking data on the International Space Station since 2011, took cosmic ray data to a precision level. These new results are now able to challenge the conventional scenarios for cosmic ray production, acceleration and propagation in the Milky Way, leaving room for exotic sources. We will give an overview of the latest results from AMS-02 on the cosmic ray fluxes, together with some possible interpretations. These measurements have a common feature, namely the presence of unexpected and still not yet fully understood spectral features.

All interested persons are cordially invited.

Sgd. Prof. Dr. Björn Poppe