



# RICAP-22 Roma International Conference on AstroParticle Physics

## Wednesday, 7 September 2022

### Cosmic Rays - 1 (14:00 - 16:20)

-Conveners: Paolo Desiati; Philipp Mertsch

time	[id] title	presenter
14:00	[94] Study of cosmic-ray solar modulation with the PAMELA experiment	LENNI, Alex
14:20	[36] Modeling solar modulation of cosmic rays in light of new data from AMS-02 and PAMELA	TOMASSETTI, Nicola
14:40	[35] Precision Measurement of the Monthly Proton, Helium, Carbon and Oxygen Fluxes in Cosmic Rays with the Alpha Magnetic Spectrometer on the International Space Station	Dr REINA CONDE, Alejandro Dr DONNINI, Federico
15:00	[18] Electron and positron fluxes in primary cosmic rays measured with the AMS-02 detector on the ISS	DURANTI, Matteo
15:20	[81] The High-Energy Particle Detector (HEPD-01): observations and results after 4 years in orbit	MARTUCCI, Matteo
15:40	[59] Inference of the Local Interstellar Spectra of Cosmic-Ray Nuclei $Z \leq 28$ with the GALPROP–HELMOD Framework: Prediction Capability and Hints of Excesses	MASI, Nicolò
16:00	[65] Self-confinement of low-energy cosmic rays around supernova remnants	JACOBS, Hanno