

Session Program

19-23 Jun 2023



Advances in Space AstroParticle Physics (ASAPP2023) - 1st edition

Poster session

Perugia (IT)
Via Deruta, 43, 06132 San Martino In Campo PG

Tuesday 20 June

13:10

Poster session

Session | **Location:** Perugia (IT), Via Deruta, 43, 06132 San Martino In Campo PG

13:10-13:15

Collection of silicon detectors mechanical properties from static and dynamic characterization test campaigns

Speakers

Mancini, Edoardo, Mancini, Edoardo

13:15-13:20

Opportunities of Si-microstrip LGAD for next-generation Space detectors

Speakers

Duranti, Matteo, Vagelli, Valerio

13:20-13:25

Nuclear Cross Sections for Cosmic Rays Astrophysics Theory and Experiments

Speaker

Oliva, Alberto

13:25-13:30

Charge resolution study on AMS-02 silicon Layer 0 prototype

Speaker

Mr Ubaldi, Alessio

13:30-13:35

Performance Study on HERD sub-detectors: Silicon Charge Detector (SCD) Prototype

Speaker

Jiang, Yaozu

14:30

Wednesday 21 June

13:10

Poster session

Session | **Location:** Perugia (IT), Via Deruta, 43, 06132 San Martino In Campo PG

13:10-13:15

Dwarf Galaxy Dark Matter Annihilation Gamma Ray Signals and Backgrounds

Speaker

Sytov, Alexei

13:15-13:20

EIRSAT-1: A 2U CubeSat with a compact, novel gamma-ray detector

Speaker

Murphy, David

13:20-13:25

The Crystal Eye X and gamma-ray detector for space missions: first prototypes and results

Speaker

Colalillo, Roberta

13:25-13:30

Firmware development of a compact Compton telescope for flight on a high-altitude balloon.

Speaker

Mc Kenna, Caimin

13:30-13:35

ASTENA mission concept: an Advanced Surveyor for Transient Events and Nuclear Astrophysics

Speaker

Ferro, Lisa

13:35-13:40

Polarimetric prospects of the Narrow Field Telescope aboard the ASTENA mission concept

Speaker

Fernandes Moita, Miguel

14:30

Thursday 22 June

13:30

Poster session

Session | **Location:** Perugia (IT), Via Deruta, 43, 06132 San Martino In Campo PG

13:30-13:35 **Radiation spectrometer HardPix**

Speaker

Filgas, Robert

13:35-13:40 **The fiber tracker of the Zirè instrument on board NUSES**

Speaker

Pillera, Roberta

13:40-13:45

Real-time monitoring of Solar Energetic Particles using the Alpha Magnetic Spectrometer on the International Space Station

Speaker

Serpolla, Andrea

14:30