

Session Program

19-23 Jun 2023



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

Direct Low-energy Cosmic-Ray Measurements

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

Thursday 22 June

09:00

Direct Low-energy Cosmic-Ray Measurements

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

09:00–09:25

Status and future prospects of the Limadou HEPD on board the CSES satellite.

Speaker

Follega, Francesco Maria

09:25–09:50

The PMT acquisition and trigger generation system of the HEPD-02 calorimeter for the CSES-02 satellite

Speaker

Mese, Marco

09:50–10:15

Results and perspectives of Timepix detectors in Spacs from radiation monitoring in low earth orbit to astroparticle physics

Speakers

Bergmann, Benedikt, Bergmann, Benedikt Ludwig

10:15–10:40

PAN: mission status and prospects

Speaker

Azzarello, Philipp

10:40–11:05

Deep space mission REMEC for GCR monitoring

Speaker

Filgas, Robert

11:05

11:20

Direct Low-energy Cosmic-Ray Measurements

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

11:20–11:45

Innovative detector systems for space habitat radiation monitoring

Speaker

Dr Di Fino, Luca

11:45–12:10

HASPIDE-SPACE for solar, magnetar and gamma-ray burst monitoring

Speaker

Prof. Grimani, Catia

12:10–12:35

The Zirè instrument on board the NUSES space mission

Speaker

De Mitri, Ivan

12:35–13:00

A compact particle detector for Space-Based applications: Development of the Low Energy Module (LEM) for the NUSES space mission

13:00

Speakers

Nicolaidis, Riccardo, Nicolaidis, Riccardo