

## Session Program

12-16 May 2025



## **Advances in Space AstroParticle Physics (ASAPP2025) - 2nd edition**

### ***Instrumentation and missions for direct X-ray and gamma-ray measurements***

Sant Feliu de Guíxols, Girona (ES)  
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## Wednesday 14 May

09:00

### Instrumentation and missions for direct X-ray and gamma-ray measurements

**Session** | **Location:** Hotel Eden Roc

09:00–09:25

#### The X and Gamma-ray Imager and Spectrometer on board THESEUS: status and technological progresses

**Speaker**

Mattioli, Giulia

09:25–09:50

#### newASTROGAM: The MeV to GeV gamma-ray observatory for ESA's M8 mission

**Speaker**

Tatischeff, Vincent

09:50–10:15

#### AMEGO-X: Status and plans

**Speaker**

Fukazawa, Yasushi

10:15–10:40

#### Results from the ComPair balloon flight

**Speaker**

Metzler, Zachary

10:40

10:55

### Instrumentation and missions for direct X-ray and gamma-ray measurements

**Session** | **Location:** Hotel Eden Roc

10:55–11:20

#### COSI mission overview

**Speaker**

Tomsick, John

11:20–11:45

#### Crystal Eye hard X and gamma ray all sky monitor

**Speaker**

Barbato, Felicia

11:45–12:10

#### The Galactic Annihilation Line Explorer (GALE) ULDB Pioneers Experiment

**Speaker**

Krizmanic, John Francis

12:10–12:35

#### The Antarctic Demonstrator for Advanced Particle-astrophysics Telescope (ADAPT) Project Status

**Speaker**

Mazziotta, Nicola

12:35-13:00

**Exploring the Potential of a  $2\pi$  Field-of-View Gamma-Ray Detector for GRB Observations in Space**

**Speaker**

Fariña, Luis

13:00-13:25

**Development of ultra-compact detectors based on oriented crystals for the observation of high energy  $e^+/e^-$  and gamma rays in space**

**Speaker**

Monti Guarnieri, Pietro

13:35

## Thursday 15 May

09:00

### Instrumentation and missions for direct X-ray and gamma-ray measurements

**Session** | **Location:** Hotel Eden Roc

09:00–09:25

#### Unlocking the Future of X-ray Polarimetry with IXPE: Lessons Learned and Next Steps.

**Speaker**

Dr Soffitta, Paolo

09:25–09:50

#### Instruments for focal plane X-ray polarimetry in the next decade

**Speaker**

Muleri, Fabio

09:50–10:15

#### Solar Flare Hard X-ray Polarimetry with the CUBesat Solar Polarimeter (CUSP) mission

**Speaker**

Dr De Angelis, Nicolas

10:15–10:40

#### COMCUBE-S : Gamma-ray burst polarimetry with a swarm of CubeSats

**Speaker**

FRANEL, Nathan

10:40

10:55

### Instrumentation and missions for direct X-ray and gamma-ray measurements

**Session** | **Location:** Hotel Eden Roc

10:55–11:20

#### COCOA: a compact Compton camera for astrophysical observation of MeV-scale gamma rays

**Speaker**

Soleti, Stefano Roberto

11:20–11:45

#### The WFM (Wide Field Monitor) onboard of eXTP and its adaptability to future mission proposals

**Speaker**

Prof. HERNANZ CARBO, MARGARITA

11:45–12:10

#### The LEM-X all-sky monitor: first results of the detector prototype

**Speaker**

Ceraudo, Francesco

12:10–12:35

#### Expected performances of X and Gamma rays detectors being operated on the Moon and in the Earth Stratosphere developed within the NRRP EMM project

12:35

**Speaker**

Capobianco, Gerardo