

Frontiers in X-ray Polarimetry (FiXP) Academy

Report of Contributions

Contribution ID: 2

Type: **not specified**

Institutional welcome

Monday, April 7, 2025 9:00 AM (30 minutes)

Presenter: Prof. BARACCHINI, Elisabetta (Gran Sasso Science Institute)

Contribution ID: 3

Type: **not specified**

Polarimetry in the context of X-ray astronomy - Past and future

Monday, April 7, 2025 9:30 AM (30 minutes)

Presenter: COSTA, Enrico (INAF/IAPS)

Contribution ID: 4

Type: **not specified**

Statistical methods for X-ray polarimetry

Monday, April 7, 2025 10:00 AM (1 hour)

Presenter: MULERI, Fabio (IANF/IAPS)

Contribution ID: 5

Type: **not specified**

Axion/ALPs

Friday, April 11, 2025 9:00 AM (1 hour)

Presenter: GALANTI, Giorgio (IASF MI)

Contribution ID: 6

Type: **not specified**

Particle Acceleration in an Astronomical Plasma

Tuesday, April 8, 2025 11:30 AM (1 hour)

Presenter: BLASI, Pasquale (GSSI)

Contribution ID: 7

Type: **not specified**

What's between the payload and the data?

Friday, April 11, 2025 11:30 AM (1 hour)

Presenter: DI GIOVANNI, Adriano (Gran Sasso Science Institute)

Contribution ID: 8

Type: **not specified**

How to launch a balloon

Contribution ID: 9

Type: **not specified**

Multimessenger Astronomy

Friday, April 11, 2025 10:00 AM (1 hour)

Presenter: BRANCHESI, Marica (Gran Sasso Science Institute/INFN/INAF)

Contribution ID: **10**

Type: **not specified**

IXPE

Monday, April 7, 2025 12:30 PM (1 hour)

Presenter: SOFFITTA, Paolo (INAF/IAPS)

Contribution ID: 11

Type: **not specified**

Radio-quiet Active Galactic Nuclei

Thursday, April 10, 2025 11:30 AM (1 hour)

Presenter: MATT, Giorgio (Roma3)

Contribution ID: 12

Type: **not specified**

Photoelectric polarimeters R&D

Wednesday, April 9, 2025 10:30 AM (30 minutes)

Presenter: FIORINA, Davide (GSSI & INFN)

Contribution ID: 13

Type: **not specified**

X-ray polarimetry of extended sources

Thursday, April 10, 2025 10:00 AM (1 hour)

Presenter: FERRAZZOLI, Riccardo (INAF/IASP)

Contribution ID: 14

Type: **not specified**

Galactic Black Holes

Thursday, April 10, 2025 9:00 AM (1 hour)

Presenter: RODRIGUEZ CAVERO, Nicole (Washington University)

Contribution ID: 15

Type: **not specified**

Compton Polarimetry and the Compton Spectrometer and Imager

Tuesday, April 8, 2025 9:00 AM (1 hour)

Presenter: TOMSICK, John (University of California, Berkeley)

Contribution ID: **16**

Type: **not specified**

Magnetars

Tuesday, April 8, 2025 2:30 PM (1 hour)

Presenter: TAVERNA, Roberto (UniPD)

Contribution ID: 17

Type: **not specified**

Diffraction Polarimetry 2

Thursday, April 10, 2025 12:30 PM (1 hour)

Presenter: MARSHALL, Hermann (MIT)

Contribution ID: **18**

Type: **not specified**

Diffraction Polarimetry 1 - Physics of X-ray Polarization Optics & Mission Concepts

Tuesday, April 8, 2025 10:00 AM (1 hour)

Presenter: DEROO, Casey T. (University of Iowa)

Contribution ID: 19

Type: **not specified**

Polarimetry of blazars: theory (and observations)

Wednesday, April 9, 2025 12:30 PM (1 hour)

Presenter: TAVECCHIO, Fabrizio (INAF/OAB)

Contribution ID: 20

Type: **not specified**

XL-Calibur - a balloon-borne hard X-ray polarimetry mission

Monday, April 7, 2025 11:30 AM (1 hour)

Presenter: PEARCE, Mark (KTH)

Contribution ID: 21

Type: **not specified**

X-ray polarimetry of solar flares: from heliophysics to space Weather

Friday, April 11, 2025 2:30 PM (1 hour)

Presenter: FABIANI, Sergio (INAF/IAPS)

Contribution ID: 22

Type: **not specified**

How to build a mission (cubesat and rocket)

Friday, April 11, 2025 3:30 PM (1h 30m)

Presenter: DEL MONTE, Ettore (INAF/IAPS)

Contribution ID: 23

Type: **not specified**

Gamma Ray Burst: polarisation

Tuesday, April 8, 2025 12:30 PM (1 hour)

Presenter: GHIRLANDA, Giancarlo

Contribution ID: 24

Type: **not specified**

Neutron Star X-ray Binaries

Friday, April 11, 2025 12:30 PM (1 hour)

Presenter: CAPITANIO, Fiamma (INAF/IAPS)

Contribution ID: 25

Type: **not specified**

Crystal Eye Detector

Wednesday, April 9, 2025 9:30 AM (1 hour)

Presenter: BARBATO, FELICIA

Contribution ID: 26

Type: **not specified**

Pulsar Wind Nebulae and Supernova remnants: theory, models & polarization

Wednesday, April 9, 2025 11:30 AM (1 hour)

Presenter: BUCCIANTINI, Nicolò (INAF Arcetri)

Contribution ID: 27

Type: **not specified**

Gran Sasso National Laboratory Safety Briefing

Tuesday, April 8, 2025 3:30 PM (1 hour)

Presenters: FIORINA, Davide (GSSI & INFN); Prof. BARACCHINI, Elisabetta (Gran Sasso Science Institute); D'ASTOLFO, Melba; PIACENTINI, Stefano (GSSI)