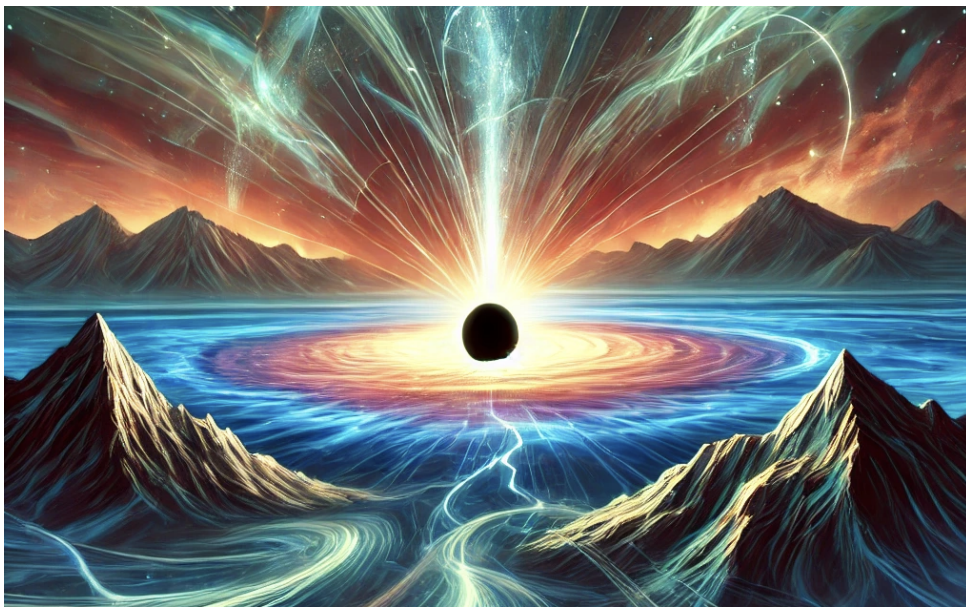


Session Program

10-14 Feb 2025



Advancing a Universal Analysis Framework for High-Energy Spectro-Polarimetry

Presentations and Workshop Kickoff

Geneva & Ayent

Monday 10 February

09:00

Presentations and Workshop Kickoff

Session | **Location:** DPNC Uni Geneva, 24, quai Ernest-Ansermet CH-1205 Genève 4 | **Convener:** Dr Nicolas Produit

09:00–09:30 Welcome and Overview of workshop Goals and Objectives

Speakers

Dr Nicolas Produit, Merlin Kole, Hancheng Li

09:30–09:45 How to fix the broken field of Gamma-Ray Polarimetry

Speaker

Merlin Kole

09:45–10:00 Latest Advances in GRB Prompt Emission and Polarimetry

Speaker

Ramandeep Gill

10:00–10:15 Analytical simulations of GRB Prompt Polarizations

Speaker

Tyler Parsotan

10:15–10:45 Coffee break

10:45–11:00 Multi-Wavelength Polarization of GRB Jets

Speaker

Gal Birenbaum

11:00–11:15 POLAR GRB Data Analysis

Speakers

Nicolas De Angelis, Merlin Kole

11:15–11:30 ThreeML Framework for High-Energy Astronomy

Speaker

Niccolo' Di Lalla

11:30–11:45 COSI Mission and Cosipy Library Development

Speaker

Israel Martinez

11:45–12:00

Standard Data Format, Coordinate Transformation and Polpy Interface

Speakers

Sujay Mate, Hancheng Li

12:00

18:00

Presentations and Workshop Kickoff

Session | **Location:** Swiss Alps | **Convener:** Hancheng Li

18:00–18:15 Integrating POLAR and AstroSat-CZTI GRB Data with 3ML

Speakers

Dr Sujay Mate, Utkarsh Pathak

18:15-18:30

Stokes Analysis Techniques in Gamma-Ray Polarimetry (TBD)**Speakers**

Jimmy Zaid, Merlin Kole

18:30-18:45

X-ray Polarimetry with IXPE**Speaker**

Fabio Muleri

18:45-19:00

The Gamma-ray Data Tools (GDT)**Speaker**

Dr Suman Bala

19:00-19:30

Coffee break

19:30-19:45

The Chasing All Transients Constellation Hunters (CATCH) Mission**Speaker**

Lian Tao

19:45-20:00

The enhanced X-ray Timing and Polarimetry (eXTP) Mission**Speaker**

Minyu Ge

20:00-20:15

POLAR-2 supplemental: Broadband Spectroscopy Detector (BSD)**Speaker**

Jianchao Sun

20:15-20:30

POLAR-2 supplemental: Low-energy Polarization Detector (LPD)**Speaker**

Fei Xie

20:30-21:00

Coffee break

21:00-22:00

Group Discussion and Planning for Days 2-5**Speakers**

Dr Nicolas Produit, Merlin Kole, Hancheng Li, Ramandeep Gill

22:40