Session Program

7–11 Jul 2025

National Astronomy Meeting (NAM) 2025

Gamma-ray Bursts and their contribution to multi-messenger astronomy, cosmology, and the cosmic star-formation rate

Teaching and Learning Centre (TLC)
Durham University South Road Durham DH1 3LS

Thursday 10 July

16:15

Gamma-ray Bursts and their contribution to multi-messenger astronomy, cosmology, and the cosmic star-formation rate

Session | **Location:** TLC117

16:15–16:25

Multi-Peaked Non-Thermal Light Curves from Magnetar-Powered Gamma-Ray Bursts

16:28–16:38

EP250108a/SN 2025kg : the kangaroo’s first hop and its implications for gamma-ray bursts and fast X-ray transients

Speaker
Rob Eyles-Ferris

16:41–16:51

Exploring low-luminosity afterglows - automated optical follow-up of Swift GRBs with Palomar-60 inch telescope

16:54–17:04

Direct emission and absorption line metallicities of a GRB host at z=4.28 using JWST/NIRSpec

Speaker
Anne Inkenhaag

17:07–17:17

Unveiling the Prompt Emission Mechanisms of Gamma-Ray Bursts: A Spectro-Polarimetric Perspective with Fermi and AstroSat

Speaker
Rahul Gupta

17:21–17:31

Extended emission of merger GRBs from high latitude emission and time propagation effects.

17:34–17:44

Probing the axial symmetry of gamma-ray burst jets using afterglow polarimetry

Speaker
Thomas Baxter

17:45