Session Program

Jul 7 – 11, 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

Thu, July 10

4:15 PM

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

Session | **Location:** TLC117

4:15 – 4:25 PM

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

4:28 – 4:38 PM

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

Speaker
Rob Eyles-Ferris

4:41 – 4:51 PM

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

4:54 – 5:04 PM

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

Speaker
Anne Inkenhaag

5:07 – 5:17 PM

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

Speaker
Rahul Gupta

5:21 – 5:31 PM

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

5:34 – 5:44 PM

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

Speaker
Thomas Baxter

5:45 PM