National Astronomy Meeting (NAM) 2025

Wednesday 9 July 2025

Explosive Transients in the Present and Future Sky (09:00 - 10:30)

time	[id] title	presenter
09:00	[311] A Photometric Approach to Type Ia Science	
09:15	[492] Understanding kilonovae using radiative transfer simulations	
09:30	[144] Probing for Magnetars with Late-Time, Multi-Wavelength Observations of SLSNe	
09:45	[958] Ultraviolet Spectroscopy of a Luminous Fast Blue Optical Transient	
10:00	[920] A study on late time UV-emission in core collapse supernovae and its use on uncovering peculiar transients	
10:15	Poster Flash Presentations	

Explosive Transients in the Present and Future Sky (14:15 - 15:45)

time	[id] title	presenter
14:15	[407] The Search for ECLEs in DESI's Early Data Release	CLARK, Peter
14:30	[936] AT2019cmw: A highly luminous, cooling featureless-TDE candidate from the disruption of a high mass star in an early-type galaxy	
14:45	[883] A tidal disruption event that turned off	
15:00	[386] Exploring the properties of TDE host galaxies	
15:15	[150] Preparing for the LSST Tidal Wave: Machine-Learned Simulated Photometry	

Explosive Transients in the Present and Future Sky (16:15 - 17:45)

time	[id] title	presenter
16:15	[660] Optimising Follow-Up of Gravitationally Lensed Supernovae Discovered with Rubin-LSST	HAYES, Erin
16:30	[490] Lensed Type IIn Supernovae with LSST: How Ultraviolet Suppression Shapes Detection Rates	
16:45	[704] The early-time light curves of type II and type IIb supernovae from the ATLAS survey	
17:00	[179] Shock Interaction Powering Late-Time Supernova Evolution: Tracing the Mass-Loss History of Massive Stars	
17:15	[427] Unveiling the complex mass loss of the transitional IIn SN 2024cld	