

A CASCA Emerging Researchers Showcase

Wednesday 28 October 2026

Transients & Cosmology: Full contributions (12:45-14:15)

time	[id] title	presenter
12:45	[15] Off-axis GRBs and Where to Find Them	SCHROEDER, Genevieve
12:55	[48] Probing the Origins of Fast Radio Bursts Through Searches for Multi-wavelength Counterparts	SZPIGIEL, Melanie
13:05	[12] Evidence for the invisible gas around galaxy halos using fast radio bursts from CHIME/FRB	KHADIR, Affan
13:15	[13] Constraining the evolution of dynamic environments surrounding actively repeating fast radio bursts	MULYK, Nicole
13:25	[80] The CHIME All-Sky Multiday Pulsar Stacking Search (CHAMPSS)	KUENKEL, Lars
13:35	[24] Evaluating magnetars as the progenitors of fast radio bursts	Ms SHAH, Vishwangi
13:45	[88] An Aspherical Circumstellar Medium Surrounding Double-peaked Ic-BL SN2022xxf	LAKERDAS-GAYLE, Sam
13:55	[44] Mapping Magnetic Field Structure in Galactic Supernova Remnants with ASKAP	GRAHAM, Gabrielle
14:05	[36] Investigating Relativistic Jets in X-ray Binaries through Multi-Wavelength Timing Studies	Ms LESCURE, Élodie

Transients & Cosmology: Flash talks (14:15-14:30)

time	[id] title	presenter
14:15	[35] Modelling the Energy and Redshift distribution of FRBs using the Second CHIME/FRB catalog	JAIN, Naman
14:16	[46] Characterizing Fast Radio Burst morphologies in CHIME's Baseband Catalog 2	LEGUÉ, Chloé
14:17	[81] Sub-band Extensions to Measure Scattering with the Arrival-Times Pipeline for Repeating Fast Radio Bursts	POP, Victor
14:18	[93] SN2024uwq and the Evolutionary History of Type IIb Supernovae	TEIXEIRA, Annalisa
14:19	[68] The Polarization and Magnetic Field of the Radio Arc as Observed by ALMA at 100 GHz	SALEM, Nora
14:20	[21] Inferring supernova light curves in Rubin data	STONE, Connor
14:21	[10] BEAMS with Bias Correction: Is It Well-Calibrated?	VO, Linh
14:22	[65] The impact of nearby soil conditions on the MIST global 21-cm experiment	Mr MCGEE, Francis
14:23	[11] The Long and Winding Equation: Symbolic Regression for Power Spectra from the Cosmic Dawn and Epoch of Reionization	BAYDER, Maria
14:24	[91] Developing a Machine Learning Algorithm for Dark Matter Detection in the SuperCDMS Experiment	Ms DALE-DAVIES, Lyssa
14:25	[38] Constraining Modified Gravity with the Marked Power Spectrum	HUSSIEN, Amani

14:26	[6] Lattice simulations of alpha-attractor inflation: numerical sensitivity and model comparisons	BEAVIS, Nick
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