

A CASCA Emerging Researchers Showcase

Wednesday 28 October 2026

Galaxies, Gas/dust, Solar system & Stars: Full contributions (12:45-14:15)

time	[id] title	presenter
12:45	[78] WEAVE-Pristine survey: NLTE-Informed Machine Learning for Stellar Parameters and Abundances in Pristine-selected metal-poor stars.	KIM, Minjih
12:55	[67] Unlocking the evolution of star formation with CASTOR	Dr JONES, Gareth
13:05	[47] Searching for Carbon-Enhanced Metal-Poor Stars in DESI	Ms COULTHARD, Rosayla
13:15	[94] Identifying Candidates of Partially Stripped Yellow Supergiants	BOWES, Shannon
13:25	[41] Bridging the gap between Milky Way and extragalactic star formation studies	CHRISTIE, Hannah
13:35	[29] Leveraging CANFAR and the ALMA archive to create SALVAGE - II: the effect of AGN feedback on central molecular gas	WILKINSON, Scott
13:45	[82] Visibility Plane Forward Modeling of Young Massive Clusters within the Nuclear Ring of NGC 3351	KNOWLTON, Peter
13:55	[55] Bridging the Gap in the New Era of Star Formation	Mrs PELTONEN, Jaiden
14:05	[30] Search for 21-cm absorption systems with CHIME	MIRHOSSEINI, Arash

Galaxies, Gas/dust, Solar system & Stars: Flash talks (14:15-14:30)

time	[id] title	presenter
14:15	[77] Fifteen Years of Archival ALMA Data as a Survey: A Search for Accretion Streamers in Serpens Main	Mr FIELDER, Samuel
14:16	[72] From Starless Cores to Embedded Disks: Chemistry and Fragmentation in Early Star Formation	SHARMA, Rajeeb
14:17	[87] Quantifying the Effect of a Bottom-Light IMF on Globular Cluster Evolution Using the Cluster Monte Carlo Code	COWAN, Kristen
14:18	[25] Extragalactic Probes for a Galactic Model: Validating the NE2025 Galactic Electron Density Model using CHIME Fast Radio Bursts Scattering Measurements	AMOUYAL, Daniel
14:19	[32] The Impact of Inspiral Timing and Model Assumptions on Convective Common Envelopes	Ms AISHANI, Chaudhuri
14:20	[85] Unveiling the Origins of a Historic Supernova	Ms PETRYK, Amilia
14:21	[3] From Starlight to Synapses: How Cosmological Bayesian Inference Reveals the Brain's Molecular Structure	SIDHU, Manveer