

Session Program

3-11 Jul 2025



Annual Scientific Meeting & Harley Wood School

Cosmology & Dark Universe

University of Adelaide
North Terrace Campus

Monday 7 July

16:00

Cosmology & Dark Universe

Session | **Location:** University of Adelaide, Darling West

16:00–16:15

Putting on Spectroscopic Lenses: How to Constrain Dark Matter Haloes

Speaker

Lydia Haacke

16:15–16:30

Unveiling Massive Quiescent Galaxies: Halo mass evolution with simulations and JWST

Speaker

Ms Amrita Banerjee

16:30–16:45

Host galaxy influence on Type Ia Supernovae: First insights into the mass step with ZTF DR2

Speaker

Olivia Vidal Velazquez

16:45–17:00

DESI Peculiar Velocity Survey - DR1 Fundamental Plane

Speaker

Caitlin Ross

17:00–17:15

From Reionization to Cosmic Noon: Tracing galaxy evolution and gas kinematics with Lyman Alpha Emitters

Speaker

Tamal Mukherjee

17:15–17:30

Probing Omega Centauri for an Accreting IMBH: Stringent constraints from radio observations

Speaker

Angiraben Mahida

17:30–17:45

Anisotropy and Inhomogeneity of the luminosity function in the local universe

Speaker

Aryan Bansal

17:45–18:00

When did the initial mass function become bottom heavy?

Speaker

Tania Barone

18:00