Session Program

7–11 Dec 2026



26th Australian Institute of Physics Congress and the Australian and New Zealand Conference on Optics and Photonics

AIP ASTRO 4

The University of Sydney , Belinda Hutchinson Building
Abercrombie St & Codrington St NSW 2008

Thursday 10 December

11:00

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Session |
Location: The University of Sydney , Belinda Hutchinson Building, Abercrombie St & Codrington St NSW 2008 |
Convener: Vanessa Welke

11:00–11:30 **A Data-Driven Model of HST/NICMOS for High-Resolution Imaging**

Speaker
Hayden Greer

11:30–11:45
Differentiable Models for Radio Astronomy Interferometer Calibration and Image Synthesis

Speaker
Ian Czekala

11:45–12:00 **Information-Theoretic Constraints of Diffraction-Limited Imaging**

Speaker
Milo Langker

12:00–12:15
Plasma-electrochemical systems for mimicking high-energy phenomena

Speaker
Priya Mehta

12:15–12:30 **CTA-Pol: Polarimetry of blazars in the CTA era**

Speaker
Nick Tothill

12:30