

Session Program

30 November 2025 to 5 December 2025



AIP summer meeting 2025

Focus Session: Combining astronomy and particle physics in the hunt for dark matter

Building 40, Hope Theatre
University of Wollongong Northfields Avenue Wollongong NSW 2522

Tuesday 2 December

10:40

Focus Session: Combining astronomy and particle physics in the hunt for dark matter: Focus Session: Combining astronomy and particle physics in the hunt for dark matter

Session |**Location:** Building 40, Hope Theatre, University of Wollongong Northfields Avenue Wollongong NSW 2522 |**Convener:** Martin White

10:40–11:10

Blazar-boosted dark matter: a cosmic accelerator for terrestrial dark matter detection

Speaker

Laura Manenti

11:10–11:40

Untangling the local Cosmic Web with Caustic Skeleton Theory

Speaker

Amelie Read

11:40–12:10

Cosmic Structure Formation & Dark Matter Physics: Insights from Theoretical Modelling

Speaker

Chris Power

12:10–12:40

Astronomical constraints on dark matter in the local environment

Speaker

Joss Bland-Hawthorn

12:40