

## **Session Program**

**3-11 Jul 2025**



# **Annual Scientific Meeting & Harley Wood School**

## ***Compact / High-Energy Objects***

University of Adelaide  
North Terrace Campus

# Monday 7 July

16:00

## Compact / High-Energy Objects

**Session** | **Location:** University of Adelaide, Scott Theatre

16:00–16:15

### Neutrino Astronomy with IceCube at the South Pole

**Speaker**

Gary Hill

16:15–16:30

### Searching for escaped cosmic rays from supernova remnants using Fermi-LAT data

**Speaker**

Jemma Pilossof

16:30–16:45

### Using SOFIA ionised carbon data as a probe for sub-GeV cosmic rays in young Supernova Remnants

**Speaker**

Adnaan Thakur

16:45–17:00

### The hidden population of pulsars in Terzan 5

**Speaker**

Ryan Urquhart

17:00–17:15

### Binary Population Synthesis of Pulsars with COMPAS

**Speaker**

Yuzhe Song

17:15–17:30

### Beyond kicks: Revisiting rocket-like neutron star acceleration in binaries

**Speaker**

Dr Ryosuke Hirai

17:30–17:45

### The formation of merging compact binaries from massive binary stars

**Speaker**

Simon Stevenson

17:45–18:00

### The role of triple evolution and dynamics in massive stellar and gravitational wave mergers

**Speaker**

Dr Evgeni Grishin

18:00