

## **Session Program**

**2-8 Feb 2025**

# **Cosmic Flows 2025: Probing the Universe with Peculiar Velocities**

## ***Session 9***

Brisbane, Australia, Tamborine Mountain Glades  
Tamborine Mountain Rd, Cedar Creek Falls Rd, Tamborine Mountain QLD 4272

# Thursday 6 February

08:30

## Session 9: Thursday

Session | Location: Rafters | Convener: David Parkinson

08:30–09:00

### CLONES: Digital Twins of the Local Universe based on peculiar velocities

**Speaker**

Jenny Sorce

09:00–09:30

### Cosmology with peculiar velocities and machine learning

**Speaker**

Dr Francisco Villaescusa-Navarro

09:30–09:50

### SNe Ia intrinsic scatter systematic in $\sigma_8$ measurements

**Speaker**

Bastien Carreres

09:50–10:10

### More precise distances for early-type galaxies using machine learning

**Speakers**

Matthew Colless, Melissa Campbell

10:10–10:30

### Preparing for WAVES: Evaluating Galaxy Group-Finders with Shark v2 Mock Catalogues

**Speaker**

Dr Trystan Scott Lambert

10:30