**Pregramme des sessions**

**10–12 nov. 2025**

# OzFink 2025: Seconds to Discovery - Rubin's Alert Era Begins

# *Talk*

Swinburne University, BA403
BA building

# lun. 10 novembre

10:15

## Talk: Introduction Rubin LSST and Fink in a nutshell
**Session** | **Site:** Swinburne University, BA403 | **Responsable de session:** Dr Emille Ishida

**10:15 – 11:40**    **Introduction Rubin LSST and Fink in a nutshell**

**Orateur**
Dr Anais Möller

11:40

13:20

## Talk: Rubin and multi-wavelength
**Session** | **Site:** Swinburne University, BA403, BA building | **Responsable de session:** Dr Emille Ishida

**13:20 – 13:40**    **Extragalactic transients discovered in Rubin DP1**

**Orateur**
James Freeburn

**13:40 – 14:00**    **Radio and Fink synergies**

**Orateur**
Dougal Dobie

**14:00 – 14:20**    **Siding Spring Observatory Alert System**

**Orateur**
Jamie Soon

14:20

15:40

## Talk: Kilonovae
**Session** | **Site:** Swinburne University, BA403, BA building | **Responsable de session:** Dr Emille Ishida

**15:40 – 16:00**    **Finding kilonovae in LSST; Lessons learnt from blind optical KN searches**

**Orateur**
Natasha Van Bemmel

**16:00 – 16:20**

**Strategy for identifying Vera C. Rubin Observatory kilonova candidates for targeted gravitational-wave searches**

**Orateur**
Simon Stevenson

16:20

# mar. 11 novembre

09:15

## Talk: Nuclear transients
**Session** | **Site:** Swinburne University, BA403, BA building | **Responsable de session:** Dr Julien Peloton

**09:15 – 09:35** **Optical and gamma-ray duty cycle of extreme blazars**

**Orateur**
Julian Hamo

**09:35 – 09:55** **Changing Look behaviour in 6dFGS AGN**

**Orateur**
Sruthi Suresh

**09:55 – 10:15** **Are most detected tidal disruption events partial?**

**Orateur**
Megha Sharma

10:20

11:00

## Talk: Fast transients
**Session** | **Site:** Swinburne University, BA403, BA building | **Responsable de session:** Dr Emille Ishida

**11:00 – 11:20** **The Need for Speed: Finding Fast Transients with TESS**

**Orateur**
Clarinda Montilla

**11:20 – 11:40** **Bridging the High-Cadence Gap: The TESSELLATE Sky Survey as a Complement to LSST**

**Orateur**
Hugh Roxburgh

11:40

13:20

## Talk: Supernovae
**Session** | **Site:** Swinburne University, BA403, BA building | **Responsable de session:** Dr Julien Peloton

**13:20 – 13:40**
**Early Inference of Supernova Light Curve Parameters with Physics-Informed Neural Networks**

**Orateur**
Gabriel Teixeira

**13:40 – 14:00** **Photometric core-collapse supernova classification**

**Orateur**
Lukas Steinwender

**14:00 – 14:20** **Active Learning**

**Orateur**
Dr Emille Ishida

14:20

# mer. 12 novembre

09:15

## Talk: Galactic and satellites
Session | Site: Swinburne University, BA403, BA building | Responsable de session: Dr Julien Peloton

**09:15 – 09:35** **Microlensing events with Rubin**

**Orateur**
Jeremy Mould

**09:35 – 09:55**
**Detecting Resident Space Objects in fast-cadenced, wide-field, optical transient astronomical surveys**

**Orateur**
Tallulah Waterson

**09:55 – 10:15**
**Enhancing Gamma-Ray Burst Localisation with Distributed Aperture CubeSat Constellations**

**Orateur**
Haritha Mullathody

10:20

11:00

## Talk: 4MOST and galaxies
Session | Site: Swinburne University, BA403, BA building | Responsable de session: Dr Emille Ishida

**11:00 – 11:20**
**The 4MOST Hemisphere Survey: facilitating low-z science across the southern hemisphere**

**Orateur**
Edward Taylor

**11:20 – 11:40** **A new method to obtain host-galaxy properties for LSST Type Ia SNe**

**Orateur**
Olivia Vidal Velázquez

11:40

12:10

## Talk: Closing remarks
Session | Site: Swinburne University, BA403, BA building | Responsable de session: Dr Anais Möller

**12:10 – 12:20** **Warp-up**

**Orateur**
Dr Anais Möller

12:20