

Harley–Wood School 2018

Ballarat Municipal Observatory

Final Program

THURSDAY 21st June

Time	Activity
After 2:00 PM	CHECK-IN (at the hotel)
5:00 – 6:00	REGISTRATION (at the observatory)
6:00 – 7:30	BARBEQUE
after 7:30 8:00 – late	Trivia Board Games

FRIDAY 22nd June

Time	Activity
Early	GUIDED WALK
8:50 – 9:05 AM	WELCOME TO COUNTRY (Emerging Elder Deanne Gilson)
9:05 – 9:15	WELCOME (Karl Glazebrook, Director, CAS, Swinburne)
9:15 – 10:15	Andy Casey (Monash) – Science in the era of Gaia (“big”) data
10:15 – 10:30	MORNING TEA
10:30 – 11:30	Natasha Hurley–Walker (ICRAR, Curtin) – GLEAM, and how to make your big data into big science
11:30 – 12:30 PM	Fiona Harris (Ballarat Community Health) – Maintaining your emotional well–being
12:30 – 1:30	LUNCH
1:30 – 2:30	Truyen Tran – Introduction to Deep Learning
2:30 – 3:45	Workshop: A hands–on introduction to Deep Learning
3:45 – 4:00	AFTERNOON TEA
4:00 – 4:30	Panel: What to expect from PhD life
4:30	END of DAY
4:30 – 8:00	Self–organised outings
8:00 – late	Board Games

SATURDAY 23rd June

Time	Activity
7:30	YOGA (at the observatory) with Mari Manias
9:15 – 10:15 AM	Mohsin Shaikh (Pawsey Centre) – Trends in High Performance Computing: Today and Tomorrow
10:15 – 11:15	Hannah Middleton (OzGrav, Melbourne) – MCMC and estimating the properties of binary mergers with LIGO data
11:15 – 11:30	MORNING TEA
11:30 – 12:30 PM	Ned Taylor (CAS, Swinburne) – Statistical traps for astronomers
12:30 – 1:30	LUNCH
1:30 – 2:30	Workshop: Kendall Ackley (Monash) – Machine Learning with Astronomical data
2:30 – 3:45	Workshop: Rebecca Lange (ADACS) and Kelly Cruz (ADACS) – How to version control like a pro: a roadmap to your reproducible and collaborative research
3:45 – 4:00	AFTERNOON TEA
4:00 – 5:00	Panel discussion: Industry and Data Science
5:00	END of DAY
5:00 – 9:00	Pizza party/ Scavenger Hunt
9:00 – late	Board Games

SUNDAY 24th June

Time	Activity	Alternative
Before 12:00 PM	CHECK-OUT	-
Around 12:00	DEPARTURE (for ASA Conference and elsewhere)	-