

ANITA 2022 School schedule

The ANITA School in 2022 will run from Monday 7 February through Wednesday 9 February. It will be held in a hybrid mode, with an in-person node at Macquarie University and remote participation via zoom. The zoom link is the same all week: <https://uni-sydney.zoom.us/j/83045235112>.

In 2022 the topic of the School is Galactic archaeology. Speakers will discuss a range of research areas, including stellar dynamics, supernova nucleosynthesis, galactic chemical evolution, and neural networks. Hands-on work for each topic will be done in Jupyter notebooks, hosted virtually at the ARDC Nectar research cloud and on Google Colab. Students should each have a laptop computer to work on but do not need to do any special software setup.

Monday 7 Feb			
When	What	Who	Where
10:00 AEDT / 7:00 AWDT	Welcome	Sarah Martell	11 Wally's Walk, room 170
10:15 / 7:15	Neural networks and neural density estimation	Jo Ciuca and Yuan-Sen Ting (likely remote)	11 Wally's Walk, room 170
11:15 / 8:15	Coffee break		
11:45 / 8:45	Neural networks and neural density estimation	Jo Ciuca and Yuan-Sen Ting (likely remote)	11 Wally's Walk, room 170
1:15 / 10:15	Lunch break		
2:15 / 11:15	Neural networks and neural density estimation	Jo Ciuca and Yuan-Sen Ting (likely remote)	11 Wally's Walk, room 170
3:15 / 12:15	Coffee break		
3:45 / 12:45	Neural networks and neural density estimation	Jo Ciuca and Yuan-Sen Ting (likely remote)	11 Wally's Walk, room 170

Tuesday 8 Feb			
When	What	Who	Where
10:00 AEDT / 7:00 AWDT	Galactic chemical evolution	Amanda Karakas	11 Wally's Walk, room 140
11:00 / 8:00	Coffee break		
11:30 / 8:30	Galactic chemical evolution	Amanda Karakas	11 Wally's Walk, room 140
1:00 / 10:00	Lunch break		
2:00 / 11:00	Type Ia SN populations	Ashley Ruitter (in person)	11 Wally's Walk, room 140
3:15 / 12:15	Coffee break		
3:45 / 12:45	Type Ia SN nucleosynthesis	Ashley Ruitter (in person)	11 Wally's Walk, room 140

Wednesday 9 Feb			
When	What	Who	Where
10:00 AEDT / 7:00 AWDT	Stellar dynamics	Ken Freeman (likely remote)	11 Wally's Walk, room 170
11:00 / 8:00	Coffee break		
11:30 / 8:30	Stellar dynamics	Ken Freeman (likely remote)	11 Wally's Walk, room 170
1:00 / 10:00	Free afternoon		