



Centre for Integrative Ecology Conference

13 & 14 October 2022

Deakin's Centre for Integrative Ecology
welcomes you to the
2022 CIE Conference

Featuring

Talks & Posters from CIE staff,
HDR, Honours candidates &
guests

Workshops for Ph.D. candidates,
supervisors & early career
researchers

Full catering

Prizes

Best Poster

1st place

Best Talks

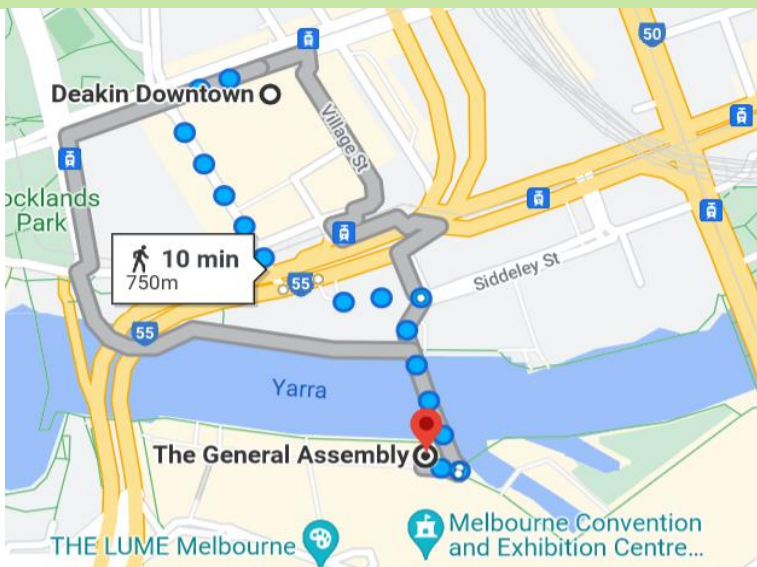
1st & 2nd & 3rd HDR

1st Researcher

1st Honours

Trivia Prizes

1st place (team)



Followed by
**Trivia at the
General Assembly**

29 S Wharf Promenade,
South Wharf VIC 3006
(facing the Yarra River)

Thursday October 13th

8:30 am	Arrivals
9:30 am	Opening Address – Prof. Don Driscoll
10:00 am	Guest Speaker – Prof. Kirsten Parris
10:30 am	<i>Morning Tea</i>
11:00 am	Session 1: Pollution and restoration
12:00 pm	Lunch & Posters
1:00 pm	Session 2: Changing landscapes
2:00 pm	CIE Future Discussion – Prof. Don Driscoll
3:00 pm	<i>Afternoon Tea</i>
3:30 pm	Session 3: And now for something a bit different...
4:30 pm	<i>Close</i>
5:00 pm	Trivia & Dinner at The General Assembly

Friday October 14th

8:30 am	Arrivals
9:00 am	Opening Address
9:10 am	Session 4: Animal behaviour and evolution
10:45am	<i>Morning Tea</i>
11:00 am	<i>Workshops – HDR, EMCR, Senior Supervisor</i>
12:00 am	Lunch & Posters
1:00 pm	Session 5: Threats from disease
2:00 pm	Session 6: Sustainable futures
3:00 pm	<i>Afternoon Tea</i>
3:30 pm	Closing address and awards – Prof. Don Driscoll

Detailed session schedule

Thursday October 13th

Session 1: 11.00am-12.00pm

Pollution and restoration

HDR	Toby Ross	Does it get worse with age? Bioaccumulation dynamics in a long-distance migrant
HDR	Cai Li	The collapse of global plastic waste trade
Honours	Hiske Klaassen	Effect of carcinogens on the behaviour of freshwater planaria
HDR	Nishat Nini Urmi	Healthy Lakes, healthy communities: understanding emerging contaminants in regional waterways and developing strategies for success
EMCR	Tanveer Adyel	Mangroves becoming plastic cesspits
HDR	Jiangjing Wang	Economic evaluation and systematic review of salt marsh restoration projects at a global scale
		Questions
		End discussion

Session 2: 1.00-2.00pm

Changing landscapes

HDR	Jeronimo Vazquez-Ramirez	Alpine MESS
EMCR	Meg Hirst	Exploring the germination niche breadth of Victorian alpine taxa
A/Prof.	Susanna Venn	Dispersal and recruitment limitations are holding back the Australian alpine treeline
HDR	Mishal Gudka	Evaluating the design of resilience potential assessments of coral reefs to improve robustness and reliability of resilience predictions
		Questions
		End discussion

Session 3: 3.30-4.30pm

And now for something a bit different...

EMCR	Anthony Rendall	Can NDVI identify drought refugia for mammals and birds in mesic landscapes?
HDR	Nick Carter	Special talk: Is industry and policy capable of protecting a threatened apex predator? A case study of Powerful Owls in Victoria, Australia.
EMCR	Michalis Hadjikakou	Modelling the environmental impact of future demand for Australian agricultural products
		Questions
		End discussion

Friday October 14th

Session 4: 9.10-11.00am

Animal behaviour, evolution & conservation

HDR	Cassie Speakman	Fear vs Food: Exploring behavioural and population-level responses to environmental change and predation pressure in Australian fur seals
HDR	April Timmis	How does resting posture influence flight initiation distance in shorebirds
HDR	Aurore Counilh	Environmental effects on movement and breeding of Australasian Gannets: insights from banding records
HDR	Amira Sophia Syed Peer Mohamed	Lets talk: Talk about neural control of Zebra finch heat calls
A/Prof.	Matthew Symonds	Elaborate antennae in moths: sensitive males are better
HDR	Meghan Shaw	TBA
Questions		
End discussion		

Session 5: 1.00-2.00pm

Threats from disease

HDR	Anne-Lise Gerard	Competition between two contagious cancers for one host, the Tasmanian devil
HDR	Nick MacDonald	Isothermal amplification as a field based diagnostic tool
Prof.	Marcel Klaassen	Update on the Avian Influenza panzootic that has thus far missed Australia
HDR	Ariful Islam	Drivers of highly pathogenic avian influenza H5N1 outbreaks in Bangladesh 2007-2022 and the boon and bane of vaccination
Questions		
End discussion		

Session 6: 2.00-3.00pm

Sustainable futures

Prof.	Brett Bryan	Two decades of work towards a sustainable China
HDR	Jinzhu WANG	Climate, technology, urbanization - which matters the most concerning food security in the North China Plain?
HDR	Pankti Shah	TBA
HDR	Rui Sun	Does scale matter? Analysis and measurement of ecosystem service supply and demand status based on ecological unit
EMCR	Carla Archibald	Putting extinctions into perspective: Extinction rate estimates for Australia's terrestrial biodiversity
Questions		