



Day 1: 7 December 2022
Venue: Hobart Function and Conference Centre, Sovereign Room
1 Elizabeth Street Pier
Zoom: <https://utas.zoom.us/j/86591711868>

WHEN	WHAT	WHO
SESSION 1		
09:00 – 09:15	Welcome & Introduction	Chair – Nathan Bindoff Greg Johannes
09:15 – 09:30	How are we tracking?	Nathan Bindoff
09:30 – 10:20	Changing Climate, Winds and the Southern Ocean	Joellen Russell
10:20 – 10:50	Morning tea	
SESSION 2		
10:50 – 11:05	Atmosphere project: status, science highlights, and upcoming campaigns	Chair – Sue Cook Alain Protat
11:05 – 11:20	Aerosols and clouds are very different across the Southern Ocean	Marc Mallet
11:20 – 11:35	Assessing climate risk using palaeoclimate records	Tessa Vance
11:35 – 11:50	Progress in a new GCIRMS lab: Toward improving ice core records of CO ₂ and N ₂ O isotopes over the last 2,000 years	Andy Menking
11:50 – 12:05	ISMIP6-based projections of Antarctic contribution to sea-level rise before 2300 using Elmer/Ice	Chen Zhao
12:05 – 12:20	Realistic Ice-sheet/ocean State Estimates (RISE)	Rick Smith
12:20 – 13:20	Lunch	
SESSION 3		
13:20 – 13:35	Heat transport in the Southern Ocean	Chairs – Elizabeth Shadwick & Benoit Legresy Edward Doddridge
13:35 – 13:50	Possible drivers of current East Antarctic ice mass loss	Laura Herraiz-Borreguero
13:50 – 14:05	In-situ estimates of grazing dynamics in the SAZ	Tyler Rohr
14:05 – 14:20	Seasonal shifts in dissolved iron distributions across a repeat basin-scale Southern Ocean transect	Tom Holmes
SESSION 4		
Chairs: Christine Weldrick & Klaus Meiners		

14:20 – 14:35	Drivers of increased summer Antarctic sea ice variability	Will Hobbs
14:35 – 14:50	Observations of wave attenuation through the Antarctic marginal ice zone using laser altimetry	Alex Fraser
14:50 – 15:05	Krill on the seafloor: preliminary results from benthic mooring acoustics	Abigail Smith
15:05 – 15:20	Combined effects of temperature and CO ₂ on krill hatching	So Kawaguchi

SESSION 5

Chair: Beatriz Pena-Molino

15:20 – 16:00 Poster and Student PhD projects Lightning Talks

16:00 – 18:00 Poster viewing & Social Event

18:00 Close day one



Day 2: 8 December 2022

**Venue: Venue: Hobart Function and Conference Centre, Sovereign Room
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WHEN	WHAT	WHO
SESSION 1		
09:00 – 10:00	The Importance of Antarctica	Chair – Greg Johannes Panel members: Nerilie Abram (Acting Australian Antarctic Science Council Chair) Kim Ellis (Director, AAD) Steve Rintoul (Physical Oceanographer, CSIRO) Briony White (Manager Strategic Policy, AAD)
10:00 – 10:30	Creating Impact	Thomas Keenan (CSIRO)
10:30 – 11:00	Morning tea	
SESSION 2		
11:00 – 12:00	Opportunities within IDEA and EAMP including Q&A	Chair – Nathan Bindoff Aleks Terauds / Nicole Webster
12:00 – 12:30	Simulations and Modelling	Ben Galton Fenzi
12:30 – 13:30	Lunch	
SESSION 3		
13:30 – 13:35	SOTS <i>Investigator</i> Yrs 23, 24, 25, 26, 27, 28, 29	Chair – Nathan Bindoff Elizabeth Shadwick
13:35 – 13:40	MYIC <i>Antarctica</i> Yrs 23, 24, 25, 26, 27	Joel Pedro
13:40 – 13:45	MIZ <i>Nuyina</i> Oct-Dec 2023	Petra Heil
13:45 – 13:50	Denman terrestrial <i>Antarctica</i> Yrs 23 & 24	Sue Cook
13:50 – 13:55	SWOT <i>Investigator</i> Nov-Dec 2023	Benoit Legresy
13:55 – 14:00	Prydz Bay <i>Nuyina</i> Jan-Feb 2024	Elizabeth Shadwick
14:00 – 14:05	MISO <i>Investigator</i> Jan-Mar 2024	Steve Rintoul
14:05 – 14:10	Denman marine <i>Nuyina</i> Feb-Mar 2025	Laura Herraiz-Borreguero
SESSION 3 (cont.)		
Chair – Nathan Bindoff		

14:10 – 14:15	CSEACOM <i>Nuyina</i> Dec 2025-Mar 2026 & Dec 2026-Mar 2027	Beatriz Pena-Molino
14:15 – 14:20	SR3 <i>Investigator or Nuyina</i> Jan 2026	Steve Rintoul
14:20 – 14:25	Multi-disciplinary sea-ice experiment Apr-Jun 2028 & Sep-Nov 2028	Petra Heil
14:25 – 14:30	EASE <i>Nuyina</i> Jan-Mar 2027	Andrew Bowie
SESSION 4		
14:30 – 14:45	Poster and Student prizes	Chair – Nathan Bindoff Greg Johannes
14:45 – 15:00	Closing remarks	Nathan Bindoff
15:00	Close day two	