

ASOF 2021 Schedule					
Date	Session Time (AEST)	Session Name	Affiliation	Presenter	Talk Title
Thursday 5 August					
	0900 - 0920	General Session	Uni of Texas	Nicholas P Chotiros	Probing elastic properties of sea ice from below with acoustic backscatter
	0920 - 0940	General Session	Uni of Cape Town	Jamie Nicholas Jacobson	SHARC BUOY: Expanding in situ sensing in the Southern Ocean Marginal Ice Zone through the development and deployment of low-cost ice-tethered instrumentation
	0940 - 1000	General Session	MIT	Toby Schneider	Fast, Cheap and Good: Development of a high performance communications and navigation system for High Latitude AUV deployments using a Virtual Ocean
	1000 - 1020	General Session	University of Miyazaki	Amit Mishra	AI based ice-charting for Southern Ocean using Sentinel SAR Images
	1020 - 1040		Morning Tea		
	1040 - 1100	General Session	NOAA PMEL	Andy M. Chiodi	Exploring the Pacific Arctic Seasonal Ice Zone with Saildrone USVs
	1100 - 1120	General Session	Universitat Politècnica de Catalunya	Adriano Camps	FFSCAT – A CubeSat Based Mission for the Polar regions
	1120 - 1140	General Session	CSIRO	Kendall Sherrin	Understanding Nutrient Data – In person intercomparison exercise 2022
	1140 - 1200	General Session		Geunho Lee	First Step toward Underwater Explorations Using Paddle-based Propulsion Mechanism
	1200 – 1240		Lunch		
	1240 - 1300	General Session	NIWA	Mike Williams	The Southern Ocean UN Decade
	1300 - 1320	General Session	SOOS / UTAS	Pip Bricher	Weaving together a data system for the Southern Ocean
	1320 - 1400	General Session	CSIRO	Mark Underwood	Day 1 Close
Friday 6 August					
	0900 - 0920	CAST Session	AAD	Kim Ellis	Introduction to CAST
	0920 - 0940	CAST Session	UTAS	Prof. Byeong Ho Kang	New WILR to support the transition to Industry 4.0 : Technology Pool Program
	0940 - 1000	CAST Session	CSIRO	Chris Berry	Operational Bioacoustics in the Antarctic
	1000 - 1020	CAST Session	AAD	Johnathan Kool	New Frontiers in Antarctic mapping – Emerging Technologies
	1020 - 1040		Morning Break		
	1040 - 1100	CAST Session	AAD	Stephanie Mayoh	An introduction to underwater vehicle deployment and positioning on RSV Nuyina
	1100 - 1120	CAST Session	UTAS	Emiliano Cimoli	Prospects of proximal imaging spectroscopy for sea-ice biophysical research
	1120 - 1140	CAST Session	AAD	Imojen Pearce	Commissioning Program for Science Systems on board RSV Nuyina
	1140 - 1200	CAST Session	CSIRO	Francis Chui	RV Investigator's ICT Infrastructure and Near Real-time Underway Data (NRUD)
	1200 – 1240		Lunch		
	1240 - 1300	CAST Session	UTAS	Peter King	Planning for the worse: automating the process of under-ice AUV mission planning
	1300 - 1320	CAST Session	CSIRO	Will Ponsonby	RV Investigator atmospheric capability – the world's first mobile Global Atmosphere Watch (GAW) station
	1320 - 1400	CAST Session	CSIRO	Mark Underwood	Closing Remarks