

Autonomous Vessel Forum 2022 – Detailed program

Version 2.0. Current as of 21 September 2022

Wednesday, 28 September

TAS Maritime Showcase – ReefWorks, AIMS

Day	Session	Time	Order of events
WED 28 SEP	Maritime Showcase Demonstration @ AIMS / ReefWorks	0800 – 1345	<p>0800 Bus departs from The Ville to AIMS. Please meet the bus by 0750 at the latest. TAS and CCM staff will be in the foyer of the Ville to support attendees departing by bus.</p> <p>0900 AIMS (lunch provided during showcase)</p> <p>1230 Bus returns from AIMS</p> <p>1345 Delegates seated for sessions</p> <p>Detailed program available here.</p>

Autonomous Vessel Forum 2022 – The Great Barrier Room, The Ville

Day	Session	Time	Topic/Title	Speaker/Panellist
WED 28 SEP	1.1 Opening remarks	1400 - 1410	Opening remarks	Ms Rachel Horne , Assurance of Autonomy Activity Lead, Trusted Autonomous Systems
	1.2 Session 1 – Keynote address	1410 - 1430	Keynote address	Mr Chris White , Manager Defence & Autonomous Systems, AMC Search
	Afternoon tea	1430 - 1500		
	1.3 Session 2 – Setting the Scene	1500 - 1520	Setting the scene – technology, assurance and regulation + ReefWorks experience	Melanie Olsen , ReefWorks Project Director, AIMS

	1520 - 1530	Conducting assurance on autonomous vessels	Dipali Kuchekar , Product Manager: Autonomous Ships/systems and Novel Technologies - Marine and Offshore, Lloyd's Register
	1530 - 1600	Q&A Session	Mel Olsen, Dipali Kuchekar. Session chaired by Rachel Horne
1.4 Session 3 – TAS Maritime Showcase Presentation	1600 - 1605	Opening remarks	Rachel Horne , Assurance of Autonomy Activity Lead, Trusted Autonomous Systems
	1605 - 1615	TAS Regulatory Initiatives	Rachel Horne , Assurance of Autonomy Activity Lead, Trusted Autonomous Systems
	1615 - 1625	COLREGs Operator Guidance Framework	Rob Dickie , Group Leader – Systems Safety & Assurance, Frazer-Nash Consultancy
	1625 - 1635	The Demo: Overview and the COLREGs Story – before, now and in 3 years?	Jawahar Bhalla , Shoal
	1635 - 1700	Panel	Rachel Horne, Rob Dickie Kristopher Matthews , Operations Manager, Unique Group Dr Tara Roberson , Trusted Autonomous Systems Session chaired by Clare East , East Consulting
1.5 Closing remarks	1700 - 1710	Closing remarks	Dr Kate Devitt , Chief Scientist, Trusted Autonomous Systems
Dinner	1830 - 2100	The Ville on Splash lawns. Networking drinks will proceed dinner.	

Thursday, September 29

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THU 29 SEP	2.1 Opening remarks	0900 - 0910	Opening remarks	Rachel Horne , Assurance of Autonomy Activity Lead, Trusted Autonomous Systems
	2.2 Session 1: Using autonomous vessel technology in Australia	0910 - 0920	Introduction to session	Clare East , East Consulting Services
	2.3 Commercial	0920 - 0930	Commercial user experience – BTB Marine	Eva Hough , BTB Marine
		0930 - 0940	Commercial user experience – AMC Search	Sam Hunnibell , Project Engineer, AMC Search
		0940 - 0950	Commercial user experience – Australian Droid and Robot	Joe Cronin , Australian Droid + Robot
	2.4 Academia	0950 - 1000	Academic user experience – James Cook University	Dr Shou-Han Zhou , Lecturer, JCU
	2.5 Defence	1000 - 1020	Defence experience – Autonomous Warrior 22 – Warfare Innovation Navy	LCDR Scott Voyzey , Warfare Innovation Navy
		1020 - 1030	Defence experience – Thales MCM Project	Anika Wenceslao , Thales Daniel Dent , DMCM – Project Manager ISS & Autonomy, Thales Prof. Karl Sammut , Professor, Flinders University
		1030 - 1040	Defence experience – Ocius	Mike Galvin , Ocius
		1040 - 1110	Panel	Sam Hunnibell Dr Shou-Han Zhou LCDR Scott Voyzey

				Peter Wlodarczyk Anika Wenceslao Chaired by Clare East , East Consulting Services
	Morning tea	1110 - 1130		
	2.6 Session 2: Regulating autonomous vessel technology in Australia	1130 - 1135	Opening remarks	Rachel Horne , Assurance of Autonomy Activity Lead, Trusted Autonomous Systems
		1135 - 1155	Regulating autonomous vessel technology in Australia: AMSA's experience	Robert Maher , Head of Technical, Australian Maritime Safety Authority
		1155 - 1205	AMSA - International Update	Ricky Withers , Senior Advisor Navigation Safety and Digitalisation, Australian Maritime Safety Authority
		1205 - 1215	Regulating autonomous vessel technology in New Zealand: Maritime New Zealand's Experience	Kenny Crawford , Deputy Chief Executive Technical Advice and Support, Maritime New Zealand
		1215 - 1245	Regulators Panel	Robert Maher, Ricky Withers Chaired by Rachel Horne
	Lunch	1245 - 1330		
	2.7 Session 3: Improving regulatory and assurance pathways	1330 - 1335	Opening remarks	Clare East , East Consulting Services
		1335 - 1350	What do we need from industry's perspective?	Greg Tyrrell , Executive Director, AAUS

	1350 - 1400	Improving the regulatory and assurance pathway – The Assuring Autonomy International Programme (AAIP) story	Prof. John McDermid , Assuring Autonomy International Program, University of York
	1400 - 1420	Assurance pathways via simulation	Jawahar Bhalla , Shoal Group
	1420 - 1430	Questions	Chaired by Clare East
2.8 Session 4 – Looking to the future	1430 - 1435	Opening remarks	Rachel Horne , Assurance of Autonomy Activity Lead, Trusted Autonomous Systems
	1435 - 1450	Future horizons for autonomous vessels in Defence and Industry	Harry Hubbert , Director and CTO, Greenroom Robotics
	1450 - 1500	Future regulatory experiences for autonomous vessels	Rachel Horne , Assurance of Autonomy Activity Lead, Trusted Autonomous Systems
2.9 Closing remarks	1500 - 1515	Closing remarks	Rachel Horne , Assurance of Autonomy Activity Lead, Trusted Autonomous Systems