



Defence AI Symposium

Monday, 1st December 2025

Marie Reay Teaching Centre,
The Australian National University,
155 University Avenue, Canberra, ACT, 2601

The Defence Artificial Intelligence Research Network (DAIRNet) is proud to host this AI symposium as part of the 38th Australasian Joint Conference on Artificial Intelligence (AJCAI) 2025. This symposium provides a valuable forum for meaningful engagement between the Australian Defence community and AI research and industry sectors.

As Defence continues to adapt to a rapidly changing strategic and technological landscape, the adoption of AI presents both significant opportunities and complex challenges. This symposium centres on the theme "*AI Adoption: From Concept to Capability*", inviting discussions on how we can accelerate the responsible, effective, and secure integration of AI across Defence operations.

DAIRNet is an initiative of the Department of Defence and is managed in partnership with the University of South Australia. To learn more, visit www.dairnet.com.au

Partners



Australian Government
Defence



University of
South Australia

DAIRNet Defence AI Symposium

8:30 – 9:00	Registration
9:00 – 9:10	Welcome Dr Mel McDowall, Director of DAIRNet
9:10 – 9:50	Presentation <i>Defence AI Assurance: Identifying promising practice and a system card template for Defence</i> Dr Sacha Babuta and Anna Knack, The Alan Turing Institute
9:50 – 10:30	<i>LLM-Assisted Comparison of Complex Documents</i> Prof Lexing Xie, Dr Yue Liu and Mr Xiuyuan (Jack) Yuan, ANU
10:30 – 10:45	Morning tea break
10:45 – 12:30	Presentations <i>Computer Says "War"? AI and Resort-to-Force Decision Making in a Context of Rapid Change and Global Uncertainty</i> Prof Toni Erskine, ANU <i>A functional approach to the legal review of autonomous weapon systems</i> Dr Damian Copeland, Article 36 Legal <i>Operationalising Trusted AI: From Algorithms to Mission Impact</i> Dr Phyo San, Defence
12:30 – 13:10	Lunch break
13:10 – 14:20	Presentations <i>Human-swarm interaction: design and evaluation</i> Dr Kathryn Kasmarik, UNSW Canberra <i>HMT for military adaption of AI/ML - Are we dumbing down humans?</i> Dr Ami Drory, Defence
14:20 – 15:00	Keynote address Mr Mike Moroney, Executive Director of DAIC, Defence
15:00 – 15:15	Afternoon tea break
15:15 – 16:15	Panel discussion Facilitator: Mr Mike Moroney, Defence CAPT Adam Allica, Defence LEUT Jessica Craig, Defence FLT LT Jorge Alvarino Diaz, Defence Natasha Karner, The Alan Turing Institute
16:15 – 16:25	Closing remarks
16:25 – 17:00	Networking
17:00	Offsite networking at Badger & Co

