



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

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DAIRNet Defence AI Symposium

8:30 – 9:00	Registration
9:00 – 9:10	Welcome Dr Mel McDowall, Director of DAIRNet
9:10 – 9:50	Keynote address Mr Mike Moroney, Executive Director of DAIC, Defence
9:50 – 10:30	Presentation Dr Sacha Babuta and Anna Knack, The Alan Turing Institute <i>Title: Assuring AI-enabled uncrewed systems: Identifying promising practice for Defence</i>
10:30 – 10:45	Morning tea break
10:45 – 12:30	Presentations Prof Toni Erskine, ANU <i>Title: Computer Says "War"? AI and Resort-to-Force Decision Making in a Context of Rapid Change and Global Uncertainty</i> Dr Damian Copeland, Article 36 Legal <i>Title: A functional approach to the legal review of autonomous weapon systems</i> TBC – Defence speaker <i>Title:</i>
12:30 – 13:00	Lunch break
13:00 – 15:20	Presentations Dr Kathryn Kasmarik, UNSW Canberra <i>Title: Human-swarm interaction: design and evaluation</i> Dr Ami Drory, Defence <i>Title: HMT for military adaption of AI/ML - Are we dumbing down humans?</i> Prof Lexing Xie and Yue Liu, ANU <i>Title: LLM-Assisted Comparison of Complex Documents</i> Dr Phyo San, Defence <i>Title: Operationalising Trusted AI: From Algorithms to Mission Impact</i>
15:20 – 15:35	Afternoon tea break
15:35 – 16:35	Panel discussion Facilitator: Mr Mike Moroney, Defence CAPT Adam Allica, RAN, Defence LEUT Jessica Craig, Defence FLTLT Jorge Alvarino Diaz, Defence Natasha Karner, The Alan Turing Institute
16:35 – 16:45	Closing remarks
16:45 – 17:30	Networking
17:30	Offsite networking

