



# Defence AI Symposium

**Monday, 1<sup>st</sup> 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 38<sup>th</sup> 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](http://www.dairnet.com.au)

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# DAIRNet Defence AI Symposium

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

