



Artificial Intelligence Symposium 2024

Tuesday, 26th November 2024

**Forum 1&2, Mezzanine Level Superfloor,
Melbourne Connect, University of Melbourne
700 Swanston St, Carlton VIC 3053**

Enhancing AI capabilities is crucial for the Defence sector. Achieving decision superiority, making decisions faster and with higher degrees of accuracy, will increasingly benefit from advancements in sovereign AI capabilities. These advancements will enable Defence to manage extensive quantities of data in complex operational environments, offering significant data-driven performance advantages to the Australian Defence Force.

DAIRNet is pleased to be hosting the AI Symposium, alongside the 37th Australasian Joint Conference on Artificial Intelligence (AJCAI). The AI Symposium is a forum for collaboration between the Australian Defence and AI communities. Join us to explore the impacts of AI on decision making, network dynamics, system behaviours, information warfare and technology. After a keynote address, a fireside chat, and insightful presentations, attendees will have the opportunity to engage with experts through in-depth analysis of case studies in interactive small group sessions.

The DAIRNet AI Symposium is an exciting opportunity for Defence, academia and industry to come together and explore priorities, opportunities, and commonalities.

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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AI Symposium Program

8:30 – 9:00

Registration

9:00 – 9:10

Welcome and introduction

Dr Mel McDowall, Director of DAIRNet

9:10 – 9:40

Keynote address

Mr Tony Lindsay, Director of Lockheed Martin Australia's
Advanced Systems & Technologies
AI Deployment in Defence

9:40 – 10:10

Fireside chat

Facilitator: Dr Ralph Gailis, DSTG
Dr Dale A. Lambert, previously DSTG
Professor Jennifer Palmer, RMIT University
Scaling AI in Defence

10:10 – 10:30

Morning tea break

10:30 – 12:00

Presentations

Chair: Associate Professor Belinda Chiera, UniSA

Dr Truyen Tran, Deakin University
Professor Hanna Kurniawati, Australian National University
Dr Zygmunt Szpak, Insight Via Artificial Intelligence (IVAI) Pty Ltd

12:00 – 13:00

Lunch break

13:00 – 14:00

Presentations

Chair: Associate Professor Belinda Chiera, UniSA

Dr Kobi Leins, Consultant with Info Sphere Education
Dr Liming Zhu, DATA61 CSIRO

14:00 – 14:20

Workshop and case study introductions

Facilitator: Professor John Thangarajah, RMIT University

14:20 – 14:50

Afternoon tea break

14:50 – 16:00

Workshop with case studies

16:00 – 16:20

Workshop debrief

Facilitator: Professor John Thangarajah, RMIT University

16:20 – 16:30

Closing remarks

16:30 – 17:00

Networking

17:00

Offsite networking

