



Defence Artificial Intelligence and Industry Symposium 2024

Thursday, 29th August 2024

InterContinental Adelaide

North Terrace, Adelaide, South Australia, 5000

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 Defence AI and Industry Symposium, as part of the ADM South Australian Defence Summit. The Symposium is a forum for the exchange between the Australian Defence and AI communities. Join us to explore the impacts of AI on cyber security, cognitive and decision systems, information warfare, space, and technology. Following a keynote and panel discussion, attendees will have the opportunity to engage with experts through the analysis of case studies in interactive small working groups.

The Defence AI and Industry Symposium is an exciting opportunity for Defence, industry and researchers 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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Symposium Program

8:30 – 9:00 **Registration opens**

9:00 – 9:45 **Welcome and introduction**

Dr Mel McDowall, Director of DAIRNet

Dr Ralph Gailis, Specialist Science Advisor, Artificial Intelligence, DSTG

Keynote

Mr Darren Webb, Group Leader Cyber Autonomy Technologies,
Cyber Operations Branch, Information Sciences Division, DSTG

“AI and Cyber Security Advances in South Australia”

9:45 – 11:00 **Panel session**

Facilitator: Associate Professor Belinda Chiera, Deputy Director Industrial AI
Research Centre, UniSA

Dr Susan Cockshell, Group Leader Cognitive and Decision Systems, DSTG

Dr David Crone, Deputy Leader Cognitive and Information Warfare, DSTG

Mr Peter Kerr, Defence and National Security Coordinator, SmartSat CRC

Wing Commander Andrew McCarron, Commanding Officer 462 Squadron,
Joint Capabilities Group, Department of Defence

Dr Dave Ormrod, Industry Fellow and Associate Professor of Cyber Security at
UniSA and the CTO and co-founder of Cygence

11:00 – 11:30 **Morning tea break**

11:30 – 12:55 **Speed networking**

Case studies in working groups

12:55 – 13:00 **Closing remarks**