

Australian Government

**Department of Defence** Science and Technology



## **DEFENCE** CYBER RESEARCH NETWORKING FORUM

28 Nov 2017 | National Wine Centre, Adelaide, SA

## Closing date for Expressions of Interest extended to 8 Nov 2017







## Join colleagues in exploring cyber research partnering and collaboration.

Defence is broadening its partnerships within the Australian innovation community, particularly in the areas of Next Generation Technologies. Cyber Security is a key Next Generation Technology, and one which has broader national importance. DST Group is partnering with Data61 to progress its cyber research and is presently working with more than ten universities with Collaborative Research Projects in the cyber domain.

The national cyber innovation community continues to rapidly evolve, and Defence will be better positioned to leverage that community as the connections between participants are strengthened. You are invited to join colleagues from academia and industry, DST, Data61 and the ACSGN(Australian Cyber Security Growth Network) for a networking workshop, designed to grow and strengthen connections within the cyber innovation community, in particular, those with potential relevance to Defence. Participants such as yourself will each provide 5 minute 'pitches' on their research and development capabilities that might have Defence application, and there will be opportunity to workshop those capability areas where synergies emerge.

This one-day event will be held at the National Wine Centre, Adelaide, South Australia, on Tuesday 28 Nov 2017.

Participation is by Expression of Interest, providing no more than 1 paragraph detailing capabilities and/or interests in the following broad research themes. Please send expressions of interest to **CEWDDirectorS&TProgr@dst.defence.gov.au by 3 Nov 2017** 

Cyber Influence and Data Analytics - processing and analysis of big data; social influence; behavioural analysis

Current research examples include 'mitigation of human vulnerabilities', 'adversarial machine learning' and 'cyber situational awareness' Sensing to Effects - sensor to effector concepts, techniques and technologies

Current research projects include 'high speed machine learning using FPGAs' and 'exploitation of channel state information' Autonomous Systems automated/ autonomous data processing, analysis and decision making

Current research projects include 'automated planning for cyber mission assurance' and 'hybrid control and learning for autonomous cyber operations' System Design for Resilience - design of systems assuming untrustworthiness

Current research projects include 'deep learning for code vulnerability discovery', 'software-defined networking' and 'Trustworthy microkernel architectures'

DST