Defence
Science
Institute
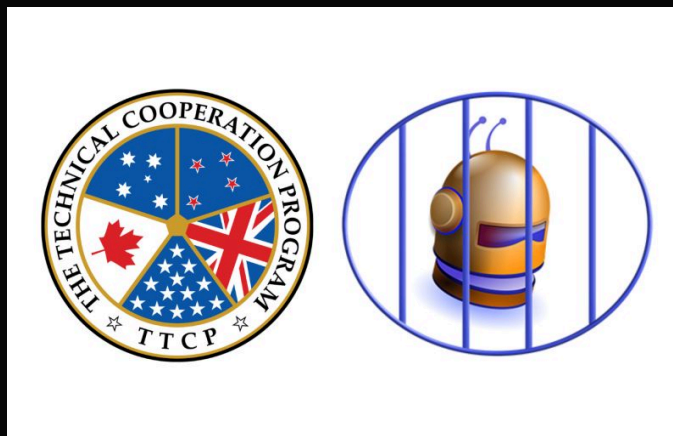
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Jump ahead to:
- Defence - International Opportunities
- Upcoming Events
- Current Competitions and Open Calls

Reminder : Cyber Autonomy Gym for Experimentation (CAGE) Challenge 4

Defence is calling on all global AI and cybersecurity research communities. Submissions are open for the fourth Cyber Autonomy Gym for Experimentation (CAGE) challenge CC4 until Friday **10 May 2024.**

CAGE Challenge 4 is a scenario where multiple autonomous agents must effectively defend a simulated industry enterprise network. This challenge introduces Multi-Agent Reinforcement Learning techniques where the agents must coordinate & communicate their strategy to effectively defend the network.

Read More

Reminder: AUKUS Electronic Warfare Innovation Challenge

ASCA is seeking proposals for the first AUKUS Innovation Challenge, focused on electronic warfare.

The electromagnetic spectrum (EMS) is a heavily congested, contested, complex and competitive environment. There is an increasing need for low cost, disposable, high volume and highly autonomous capabilities to achieve asymmetric advantage.

The Challenges are being run concurrently by the AUKUS partners, with the Defence and Security Accelerator (DASA) running the UK Challenge and the Defense Innovation Unit (DIU) running the US Challenge. Project execution plans may inform capability development across the AUKUS partners.

Responses are due **7 May 2024**.

Read More - AusTender

ADSTAR 2024 - Australian Defence Science, Technology and Research Summit

ADSTAR 24 will be held **17 - 19 September 2024** at the National Convention Centre, Canberra.

The ADSTAR Summit brings the innovation, science and technology enterprise together to share ideas on a global scale. ADSTAR builds new relationships and strengthens established partnerships across Defence, government, industry, and academic sectors.

The 2024 summit theme is **Accelerating the delivery of asymmetric Defence capabilities**. It will feature an exciting plenary program in six themes aligned to the innovation, science and technology priorities outlined in the Defence Strategic Review:

- Trusted autonomy
- Quantum technology
- Information warfare
- Long-range fires
- Hypersonics, and
- Directed energy

Read More & Registration

Safeguarding Australia's Military Secrets (SAMS) Act

The *Safeguarding Australia's Military Secrets Act 2024 (SAMS Act)* will come into force from Monday **6 May 2024**.

The SAMS Act is designed to ensure Australia's military secrets stay in Australian hands.

The Act requires former ADF and Defence APS members, along with Australian citizens and permanent residents providing certain types of training, to apply for a Foreign Work Authorisation to perform work for, or on behalf of, a military organisation of government body of a relevant foreign country. This includes undertaking such work or training via another entity, such as a company or organisation, or as a contractor for a relevant foreign military or government body.

The SAMS Act applies to

- former ADF members
- former members of the Department of Defence
- former members of the Australian Submarine Agency
- Australian citizens and permanent residents seeking to provide training to foreign militaries in relation to
  - goods, software or technology with the scope of Part 1 of the Defence and Strategic Goods List
  - military tactics, military techniques or military procedures.

Read More

Defence Australia - Upcoming Eols - MSPO (Poland); AUSA (Washington); Indo Defence (Jakarta)

Poland International Defence Industry Exhibition (MSPO)
Location: Kielce, Poland

Date: 3 – 6 September 2024
Domain: Land / Aerospace
EOI opens: 6 May 2024
EOI closes: 31 May 2024

AUSA
Location: Washington DC, USA
Date:
14 – 16 October 2024
Domain: Land
EOI opens: 17 June 2024
EOI closes: 12 July 2024

Indo Defence
Location: Jakarta, Indonesia
Date:
6 – 9 November 2024
Domain: Tri-Service
EOI opens: 8 June 2024
EOI closes: 2 August 2024

Image sourcr : AMDA

Lodge Expressions of Interest

Other Opportunities

ATSE - Batterham Medal for Engineering Excellence 15 May 2024

2024 AIDN Young Achiever Award 23 May 2024

DFAT - Australia-India Cyber and Critical Technology Partnership (AICCTP) -
Grants Round 4

Department of Industry, Science and Resources - Global Science and
Technology Diplomacy Fund - Strategic Element, 31 May 2024

Women in Defence Awards, closing **31 May 2024**.

2024 Australian Aviation Awards, closing 5 June 2024

XPRIZE Quantum Applications - Quantum for Real-World Impact, closing June
2024

Amazon Applied Science Internships (Recruitment takes place all year round.)

Dept Industry, Science and Resources - Industry Growth Program

Dept Industry, Science and Resources - Concessions on Goods for Space Projects

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DARPA - HERMES - HR001124S0025
Abstracts (encouraged but not required) are due 3 May 2024, with full proposals
due **4 June 2024**.
Read More

US Dept of Defense - Military Burn Research Program
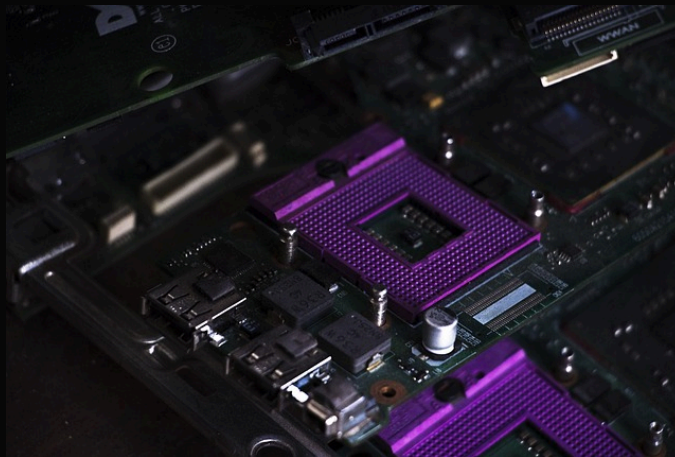pre-proposals due **3 June 2024**
Read More

US Dept of Defense - Rare Cancers Research Program
pre-proposals due **17 June 2024 & 15 Julu 2024**
Read More

DARPA - Structures Uniquely Resolved to Guarantee Endurance (SURGE) -
HR001124S0018
Abstracts (encouraged but not required) are due 9 May 2024, with full proposals
due **1 July 2024**.
Read More

UK Defence and Security Accelerator (DASA) - Protecting Physical Assets for
UAS Attack
Submission are due **13 June 2024**.

- An information webinar will be held **2 May 2024**. Register here.
- 10 minute one-to-one teleconference sessions are available **9 May 2024**.
  Book here.

Read More

Upcoming Events

- DISP & Cybersecurity Awareness Webinar: AUKUS -What it means from a Cyber Security Perspective, 2 May 2024
- ADF Propulsion Systems Symposium - 21-23 May 2024
- Humanising tech: Collaborations with Industry - 27 May 2024, Monash University
- AusSpace24 Awards, Sydney 28 May 2024
- Aus Space 24 - Australian Space Summit and Exhibition, Sydney- 28-29 May
- JoiningForces : he 2024 ASPI Defence Conference Canberra 4-5 June 2024
- Defence and National Security Awards 2024, Sydney 12 June 2024
- Warship 2024: Future Surface Combatants Conference - 18-19 June 2024 Adelaide
- Team Defence Australia : **Eurosatory, Paris, France 17 - 21 June 2024**
- Indian Ocean Defence and Security, Perth - 24-26 July 2024
- Team Defence Australia : **Farnborough Airshow, England, 22-26 July 2024**
- **ASPI - The Sydney Dialogue - 2-3 September 2023**
- LandForces 2024 11-13 September 2024 Melbourne
- ADSTAR 2024 17-19 September 2024 Canberra
- Team Defence Australia : **AUSA, Washington DC 14 - 16 Oct 2024**
- International Symposium on Artificial Intelligence, Robotics and Automation in Space (i-SAIRAS) 2024, 19-21 November 2024, Brisbane
- Australian Cyber Conference - 26-28 November 2024, Melbourne (Submissions to be a speaker close **28 May 2024**.)

Current Opportunities

DSI - APR.Intern : New Defence Internship

Victorian Defence Industry Scholarships (Undergraduates)

Nuclear Powered Submarine Program