Australian System Safety Conference

18th – 19th October 2023

Adelaide (Crowne Plaza)

ASSC 2023

Closing the Loop: Incorporating Humans into Systems

Call for Papers

The Australian System Safety Conference (ASSC) is organised by the Australian Safety Critical Systems Association (aSCSa), a Special Interest Group of the Australian Computer Society.

The theme for the 2023 conference is "**Closing the Loop: Incorporating Humans into Systems**". With systems growing increasingly complex, we are exploring the role of Humans in modern systems, particularly the contribution of Humans to **System Safety** and **Cybersecurity**. As systems are starting to incorporate more artificial intelligence, machine learning, autonomous agents, etc., we are exploring the changing role of the human element: when should humans be in-the-loop, on-the-loop, or out-of-the-loop?

Topics of interest include, but are not limited to, systems engineering, safety assurance, human factors, cybersecurity and social engineering, security assurance, reliance, automation, collaboration, teamwork, trust, and assurance standards.

The 2023 ASSC would like to examine and share the latest thinking on the state of the art and its fitness for purpose.

We invite research papers and project experience to present and engage.

30 Years Anniversary aSCSa 1992-2022

Safety critical areas of interest include:

- Medicine and health (medical devices, digital health, etc.)
- Transport
- Defence and Aviation
- Telecommunications
- Energy
- Security
- Resource and process industries
- Emergency services.

SPECIAL OFFER

Free registration for conference presenters

Delegates have the option of submitting two types of papers:

1. Refereed Papers by the conference program committee
2. Industry Presentations/Papers (not subject to peer review)

Both types of papers are published on the conference website*

Abstract Submission: Fri 30th June 2023 *(approx. 250 words)*

Paper submissions can also be emailed to **secretary@ascsa.org.au.**

acs AUSTRALIAN COMPUTER SOCIETY

*(*if sufficient papers are accepted, we may publish in the Journal of Safety and Reliability Society.)*