

Australian System Safety Conference

22-24th May 2019

Brisbane (Customs House)

ASSC 2019

How can we be artificially safe?

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 2019 conference is “**How can we be artificially safe?**” or how can we be safe with artificial intelligence technologies, including simulations, model based systems engineering, auto code generation and checking, agile development, machine learning, perception systems and the Internet of Things.

Are we able to derive safety requirements for such systems and achieve adequate assurance of compliance initially and continuously for a dynamic safety case?

Are traditional safety by design programs and system review constructs sufficient?

The 2019 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.

Safety critical areas of interest include:

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



Delegates have the option of submit two types of papers:

- 1) Refereed Papers by the conference program committee
- 2) Industry Presentations/Papers (not subject to peer review, and not published in conference proceedings, available on conference website)

Abstract Submission: Fri 18th Jan 2019

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

For more information, visit www.ascsa.org.au/conferences/

