

Hazards Australasia 2022

25–27 September, Melbourne Convention
and Exhibition Centre, Melbourne

Call for papers

Share your process safety experience



IChemE ADVANCING
CHEMICAL
ENGINEERING
WORLDWIDE

Hazards Australasia 2022

About Hazards

Hazards Australasia is a leading process safety conference. It shares best practice, latest developments and lessons learned in process safety, promoting a continuous focus on improving process safety performance.

Hazards Australasia 2022 takes place on 25-27 September 2022 in Melbourne, and will bring together process safety practitioners from Australia, New Zealand and beyond.

Process safety in uncertain times

The year 2020 started with difficult times in Australia, first with the widespread bush fires and then with the global pandemic. Both events have significant impacts on how we are doing business and how we're living. They also necessitated a change to how we manage process safety on a day to day basis. The workforce is strained with people unable to work for several reasons. How is your facility or company adapting to these changes in resourcing availability and government restrictions? How is your organisation leading? Do you need to start virtual risk assessments, or provide information to a distributed workforce virtually? How are your facilities monitored remotely? How well are your emergency response plans and business continuity plans standing up to the stress? At *Hazards Australasia 2022* we are interested to hear your lessons learned from dealing with these uncertain and disrupted times, in addition to other learnings you can share. If we commit to understanding how we performed and what lessons can be learned, we will be better placed in the future to manage the next uncertain time.

We look forward to welcoming you in Melbourne at *Hazards Australasia 2022*.

Call for papers

The technical programme will be constructed around a compelling line-up of invited keynote speakers, who will provide a strategic view from industry, academia, and the regulator. Technical presentations should review best practice and latest research in the functional areas that are fundamental to managing process safety effectively. Papers are encouraged from a range of industry sectors on the *Hazards Australasia* themes.

Hazards is an international event and whilst the conference is primarily focused on the Australasian chemical and process industries, contributions are welcomed from all regions where the process safety challenge is being addressed.

Call for papers is open until **15 March 2022**.

Who attends *Hazards Australasia*?

Hazards Australasia is an ideal event for anyone who is active in process safety and risk management for chemical process facilities or other facilities dealing with hazardous materials.

Process safety professionals working at all levels and across all industry sectors will benefit from attending.

Hazards Australasia delegates typically include:

- process safety practitioners in industry
- process safety consultants and safety specialists
- senior industry leaders accountable for process safety without day-to-day responsibility
- academic researchers
- representatives from industry bodies and regulators

Why contribute?

- help to share good practice and make the process industries safer
- enhance your reputation and demonstrate your commitment to improving process safety
- publish your paper in the conference proceedings
- support your professional development

How to submit an abstract

- Submit your abstract (no more than 250 words) outlining your proposed presentation using the template available online www.icheme.org/hazardsaus2022
- indicate your preferred theme
- ensure you have permission from your organisation
- submit your abstract by **15 March 2022** to hazardsaus@icheme.org

What happens next?

Abstracts will be reviewed by the technical committee and if accepted you will be invited to submit a full paper (optional). Successful papers will be offered an oral presentation in the programme or the opportunity to display a poster at the conference.

Abstracts, full papers and presentations (pending permission from the author) will be published on the conference proceedings.

Key dates*

- Abstracts of no more than 250 words to be submitted: **15 March 2022**
- Abstracts to be reviewed by technical committee, allocation of oral or poster presentation and invitation to submit full paper: **30 April 2022**
- Full papers submitted: **16 May 2022**
- Programme released: **30 June 2022**
- Hazards Australasia 2022: **25-27 September 2022**

Hazards Australasia themes

Engineering and design

- asset integrity and extending the operating lifespan
- inherent safety
- dust explosions
- toxic, fire and explosion hazards
- pressure relief
- chemical reaction and decomposition hazards
- hazardous area classification
- dispersion modelling
- functional safety
- HAZOP
- SIL
- risk analysis

Knowledge and competence

- lessons from recent incidents and near-misses
- consequence assessment and modelling
- education, training and communication
- competencies
- incident investigation
- case histories
- failure data
- reliability prediction

Human Factors

- alarm management
- safety psychology
- public impact
- critical task analysis
- unmanned plant
- situational awareness
- fatigue
- shift patterns

Environment

- water
- air
- waste
- risk assessment
- noise
- contamination and clean-up
- odour

Systems and procedures

- process safety management
- management of non-routine operations
- hazard and risk
- management and change
- permit to work
- risk assessments (dynamic risk assessments)
- standard operating procedures
- operational risk assessment (business risk)
- maintenance

Assurance

- legislation and compliance including Seveso II/III)
- hazard and risk
- metrics
- audits
- inspections
- oversight
- new codes of practice
- current best practice

Culture

- safety leadership
- safer plant operations
- site safety culture assessment
- corporate memory

Contact us

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