



Fall 2025 Meeting - Hilton Houston Post Oak October 27 - 29

CALL FOR ABSTRACTS



Come Present Your Findings to DIERS!!!

The Call for Abstracts for the DIERS Fall Meeting is now open. Abstracts and meeting registration are required for all presenters. Please submit abstracts as soon as possible, but no later than **August 6, 2025**.

The focal topic for this DIERS meeting is: "50 Years Strong: A Legacy of Service, A Future of Innovation"

DIERS welcomes presentations on subjects pertaining to runaway reaction, equipment overpressure, and emergency pressure relief. See the accompanying list for more elaboration.

To arrange a presentation, please submit your abstract to Confex:

<https://aiche.confex.com/aiche/dugfl25/cfp.cgi>

Please fill out all fields in Confex for abstract submission, information below must be included in submission:

- Name and title of the proposed presentation
- Length of presentation (30-, 45-, or 60-minute slots available - please specify preference)
- Contact information: email, phone
- Abstracts should be one paragraph long, max. 200 words

Abstracts will be reviewed by the DIERS Program Committee and presenters will be sent formal abstract acceptance notes. Contact information for members of the DIERS Program Committee:

- Garrett Dupre: garrett.dupre@grace.com
- Ben Doup: doup@fauske.com
- Freeman Self: feself@bechtel.com
- Min Sheng: s25011@hotmail.com

DIERS Fall 2025 Meeting Sponsors

Contact John Ellertson no later than **August 6, 2025** at johne@aiche.org or (203) 788-4744 for information regarding sponsorship of the Spring DIERS meeting.

Example Topics for the Fall 2025 DIERS Meeting

Focal Topic - 50 Years Strong: A Legacy of Service, A Future of Innovation

- Classical DIERS highlights and technology review
- Impactful case studies and lessons learned
- Future of DIERS - the next 50 years
- Technology roadmaps and AI applications

Application and Case Studies

- Case studies illustrating the implementation of DIERS ERS technology
- Case studies of safeguarding of runaway reactions
- Review of previous DIERS discussions/presentations on a specific topic

Incident Investigations

- CSB and others' investigation results
- Learnings from meeting attendees (i.e., their companies)

Modelling and Simulation

- Pressure relief valve stability methods
- Modeling of pool and jet fires
- Relief design for systems with solids
- Dispersion analysis
- Multiphase flow models

Experimental Methods and Apparatus

- Calorimeter design, development, and data interpretation
- Reaction testing and scale-up
- ASTM developments
- Reactivity round-robin tests
- Testing for study of multiphase flows, such as blowdown and disengagement testing

ERS Hardware

- Relief device characteristics, performance, operational behavior, problems, etc.

Codes, Standards, Regulations, and RAGAGEP

- API, ASME, EPA, ISO, NFPA, and OSHA developments
- Transport of hazardous material
- Safe discharge locations
- Comparison of standards to DIERS technology recommendations and to each other

Safety in Energy Storage Systems

- Batteries - calorimetry testing and modeling
- Hydrogen storage and transport
- Hydrogen fuel cells