

CALL FOR ABSTRACTS

Come Present Your Findings to DIERS!!!

IF M BS CSDU BS UF % @ FFH J DX PEO CSDU BF SFRVFEBSM
Q FFESMBVBSBPBCFCNSUBCSBZ

5IF BDBDBSLUFBSBN

O BEDC% KDPNT SFFBD PO B VKDU ESD B SD SFBDO
FRVWSSVBSVFSFM JGFUBDPBSNSFFMPSBO

B BSBSFFBOPBU

Name and title of the proposed presentation

yLength of time required for presentation (PSNDWFTMPUBBMBCMF

yContact information: email, phone

yAbstracts should be one paragraph long, max. 200 words

CTSDDU WIMCF SFWKE CZ UF % 1SPHSBNBNNWF BOE Q FTFOESTWIMCF TFOUPSNBM
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POBDBIOMFSTUPOBBIOFBDIFPSHPS
GPSOGPSNBBO SFHSEOHTPOTPSTIDPGUFSDHFFDH

Example Topics for the Spring 2025 DIERS Meeting

Focal Topic: Railcar Safety Systems

- DOT regulations
- Summary of past incidents
- Railcar PSV design
- Considerations for shipping reactive vs non-reactive chemicals

Review and Application of Existing DIERS Technology

- 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 other's 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

Experimental Method

- Experimental design and interpretation of calorimeter data
- Calorimeter development for reactivity evaluation
- Experimental studies on specific systems
- ASTM developments

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

Safety in Energy Storage Systems

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