



### ***Come Present Your Findings to DIERS!!!***

The Call for Abstracts for the 2024 DIERS Fall Meeting is now open. Abstracts are required for all presenters. Please submit abstracts as soon as possible, but no later than **July 19, 2024**.

The focal topic for this DIERS meeting is: "**High Energy Materials**". Potential presentations on this topic include discussions on experimental methods, modeling techniques, and case studies for explosives, deflagration risks, and electrostatic charge, shock and friction sensitive material.

In addition, DIERS welcomes presentations on any subject pertaining to runaway reaction, equipment overpressure, and pressure relief. See the accompanying list for more elaboration.

To arrange a presentation, contact:

Harold Fisher: (775) 297-3117; [fisherhg@charter.net](mailto:fisherhg@charter.net)

Ben Doup: (312) 415-5450; [doup@fauske.com](mailto:doup@fauske.com)

Please adhere to the following guidelines for abstract submission.

- **Name and title of the proposed presentation**
- **Length of time required for presentation (allow 5 minutes for questions)**
- **Dates and times available for presentation**
- **Best 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. The contact information for members of the DIERS Program Committee are:

- Brittany Armstrong: [brittany.armstrong@merck.com](mailto:brittany.armstrong@merck.com)
- Garrett Dupre: [garrett.dupre@grace.com](mailto:garrett.dupre@grace.com)
- Freeman Self: [feself@bechtel.com](mailto:feself@bechtel.com)
- Min Sheng: [s25011@hotmail.com](mailto:s25011@hotmail.com)

### DIERS Fall 2024 Meeting Sponsors

Contact John Ellertson at [johne@aiche.org](mailto:johne@aiche.org) or (203) 788-4744 for information regarding sponsorship of the Fall 2024 DIERS meeting.

## Other Potential Topics for the Fall 2024 DIERS Meeting

### **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