

**DESIGN INSTITUTE FOR EMERGENCY RELIEF SYSTEMS
of the American Institute of Chemical Engineers**

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1. DIERS 2020 August 2020 Virtual Meeting

The DIERS August 2020 Virtual Meeting was a success. Comments from attendees were favorable with several suggestions for improvements. Action is being taken to make the next meeting even better. Attendance was 77 and the most since the early days of DIERS. There were 26 technical presentations. Minutes of the meeting to include all of the presentations will shortly be posted to the DIERS website.

2. DIERS 2021 March Virtual Meeting

The DIERS 2021 March Virtual Meeting will use the Microsoft TEAMS (free software) to conduct a three day (March 10 (Wed) - 12 (Fri), 2021) meeting to cover what you need to know to size emergency pressure relief devices for runaway chemical reactions and two-phase vapor-liquid flows. The meeting will be held over a three day period meeting at a cost of \$99.00 per day for one, two, or all three days. A Call for Presentations has been issued. An agenda for the meeting will be published and posted on or about January 15, 2021. Professional Development Credits for attendance at DIERS meetings are available upon request. Attendance at this and future DIERS meetings is limited to those who have paid their DIERS calendar year dues before or at the time of registration for the DIERS meeting.

3. AIChE / DIERS 2021 Emergency Relief System Design Courses

AIChE / DIERS BASIC and ADVANCED Courses are conducted by highly qualified DIERS members throughout the year. Consult the AIChE or DIERS website to find the dates and venues.

4. CCPS Guidelines Book

The 2nd Edition (April 2017) of the "Guidelines for Pressure Relief and Effluent Handling Systems" has been published by CCPS, AIChE, and DIERS. Go to www.aiche.org/ccps. Click on the following links in succession: "Events and Resources", "Publications", Scroll down the page, "Get this BOOK". The page with the purchase details will open. The book retails for \$320 with a 35 percent discount for AIChE members.

Software having estimated development costs of approximately \$3MM is included with the book to include the legacy CCFLOW and TPHEM programs and well as the new SuperChems for DIERS Lite program, which contains a large physical property data base. The software will can be used for vapor, liquid or two-phase flows and can be downloaded for use with WINDOWS XP, 7, 8, 8.1 and 10 operating systems configured as 32 or 64 bit systems.

BOOK Errata: Send an E-Mail to fisherhg@suddenlink.net with specific replacement text.

5. SuperChems for DIERS

SuperChems™ for DIERS is an advanced digital simulation software tool used for pressure relief design and provided by ioMosaic Corporation to AIChE for license to individuals and corporations. The software is available for a onetime license acquisition fee of \$12,500 to include up to five users and an annual maintenance fee of \$2,000. New technology updates are provided on a periodic basis. Training is available. Contact the DIERS Chair for information on the program and how to license the software.

6 DIERS / Company Suggested or Sponsored Research Projects

A company attending an AIChE Loss Preventions meeting admitted that they did not necessarily have the staff or expertise to size emergency pressure relief systems for runaway reactions and / or two-phase vapor-liquid flow. The representative asked if others in the audience if they might also have concerns about these topics. Several were interested and an invitation was issued to attend a future meeting at which the topics could be discussed. Thus, DIERS was born after several years of careful planning and fund raising.

Are there any topics of concern that could become a DIERS self-help or DIERS / company funded project? If so, contact the Chair with your issues, ideas or thoughts for a possible DIERS project. NOTE: The DIERS Bylaws, posted on the www.aiche.org/diers website, contain procedures for formulating, managing and funding possible projects.

7. Member Information / No Access to DIERS Website

Access to the DIERS Membership list or the DIERS Meeting Minutes to restricted to the Name and E-Mail Address used when you received your password. Working from Home? Changed Jobs? Retired? Failed to list your place of employment? Listed your home phone number as your primary contact? Members should call AIChE customer service at 1-800-242-4363 and request changes to both their AIChE and DIERS contact information as necessary. Registration information from one year to the following year is just carried over and NOT necessarily updated unless specifically requested. DIERS cannot request changes to AIChE or DIERS member information maintained by AIChE.

Dues-paying members should have received an E-mail with a temporary password and instructions as how to register on the website for access to the meeting minutes and presentations. Send an E-Mail or call if you have not received the registration instructions or have website access problems.

8. DIERS 2021 March Virtual Meeting

I look forward to greeting all of our members during our next DIERS Virtual Meeting in March 2021.

Harold G. Fisher
Chair, DIERS