



DIERS SPRING 2024 MEETING AGENDA – Wednesday, April 24, 2024

EASTERN DAYLIGHT TIME		Title	Presenter	Association
Start Time	End Time			
9:30 AM	10:00 AM	Establish Contact / Sign-in / Meeting and Software Instructions		
10:00 AM	10:15 AM	Welcome / Orientation	Harold G. Fisher Georges Melhem Anil Gokhale	Chair Vice-Chair Staff Director
10:15 AM	11:00 AM	Thermal Expansion Considerations for PRD Sizing	Eric Parvin	Parv Consulting
11:00 AM	11:30 AM	Determining the Proper Discharge Coefficient for Pressure Relief Valve Sizing	Nancy Faulk & Abdul Aldeeb	Siemens Energy
11:30 AM	11:45 AM	Break		
11:45 AM	12:30 PM	Pressure Relief Valve - Two-Phase Flow Discharge Coefficient Considerations	Greg Hendrickson & Russell Merriam	DIERS & Curtiss-Wright
12:30 PM	1:00 PM	The Epistemology of the Joule-Thomson Coefficient	Dilip Das	Design and Safety, LLC
1:00 PM	1:30 PM	Lunch		
1:30 PM	2:15 PM	Two-dimensional Interpolation of Multiphase Fluid Properties and Its Usage in Fluid Flow Analysis	Maria Skripachenko & Leonid Korelshteyn	PASS Suite
2:15 PM	2:30 PM	Vendor Showcase - ioMosaic	Georges Melhem	ioMosaic
2:30 PM	3:15 PM	What is New in SuperChems for DIERS v 12.0	Georges Melhem	ioMosaic
3:15 PM	3:30 PM	Break		
3:30 PM	3:45 PM	Technical Projects Update	Passa Piland	Bayer
3:45 PM	4:30 PM	DIERS Strategy/Engagement	Greg Hendrickson	DIERS
4:30 PM	5:30 PM	Breakout Sessions - Strategic Plan - Discuss the DIERS strategy and feedback received from DIERS members <u>OR</u> - Technical Project Committee - Initiate discussions, and hopefully recruit volunteers, to establish a Technical Project Committee		



DIERS SPRING 2024 MEETING AGENDA – Thursday, April 25, 2024

EASTERN DAYLIGHT TIME		Title	Presenter	Association
Start Time	End Time			
9:30 AM	9:55 AM	Establish Contact / Sign-in / Meeting and Software Instructions		
9:55 AM	10:00 AM	Welcome / Orientation	Harold G. Fisher	Chair
10:00 AM	10:30 AM	Hazards Posed by Discharges from Emergency Pressure Relief Systems	Amanda Johnson & Adam Henson	CSB
10:30 AM	11:30 AM	Relief to Safe Location	Kerry McBride	Hunt, Guillot, & Associates
11:30 AM	11:45 AM	Break		
11:45 AM	12:30 PM	Analysis of PRV Stability In Relief Systems - Pilot Operated Pressure Relief Valves - Part VIII	Georges Melhem	ioMosaic
12:30 PM	12:45 PM	2024 Fall Meeting announcement	Ben Doup	Fauske & Associates
12:45 PM	1:00 PM	AICHe/DIERS Software Resource Overview – SuperChems™ for DIERS	Georges Melhem	ioMosaic
1:00 PM	1:30 PM	Lunch		
1:30 PM	2:30 PM	Relief Device Stability and Acoustical Dampening	Dustin Smith	Smith & Burgess
2:30 PM	2:45 PM	Rupture Holes for Different Heat Exchange Types - For Relief Valve Sizing	Freeman Self	Bechtel
2:45 PM	3:30 PM	Case Studies on Overfill Incidents and Transient Hammer Potentials	Eric Parvin	Parv Consulting
3:30 PM	3:45 PM	Break		
3:45 PM	4:00 PM	DIERS chair report	Harold Fisher	DIERS
4:00 PM	4:30 PM	Thermal Runaway Calorimetry of Batteries	Meena Chandrasehar, Surendra Singh, & Derek Lovejoy	Belmont Scientific
4:30 PM	5:00 PM	Role of Insurance Companies in Emergency Relief System Design	Patrick Mahan	FM Global
5:00 PM		Adjourn		



DIERS SPRING 2024 MEETING AGENDA – Friday, April 26, 2024

EASTERN DAYLIGHT TIME		Title	Presenter	Association
Start Time	End Time			
9:30 AM	9:55 AM	Establish Contact / Sign-in / Meeting and Software Instructions		
9:55 AM	10:00 AM	Welcome / Orientation	Harold G. Fisher	Chair
10:00 AM	10:45 AM	Thermal Safety Risk Assessment Method Based on Critical Reaction Half-life for Continuous Flow Reactors	Min Sheng	East China University
10:45 AM	11:15 AM	Understanding the Value of Temperature Modulation in DSC and other Thermal Analysis Methods	Peter Ralbovsky	Netzsch
11:15 AM	11:30 AM	Break		
11:30 AM	12:15 PM	Risk Ranking Methodology for Safe Discharge Locations	Maria Dillard	Honeywell
12:15 PM	12:30 PM	ASME XIII Update	Danielle Mainiero-Cessna	PROSAF
12:30 PM	12:45 PM	API update	Georges Melhem	ioMosaic
12:45 PM	1:30 PM	Lunch		
1:30 PM	2:15 PM	Managing Chemical Reactivity Hazards in Multipurpose Equipment	Georges Melhem	ioMosaic
2:15 PM	2:45 PM	Overcome the Challenges of Implementing SIF for Reactive Processes	Eloise Roche	SIS-TECH Solutions
2:45 PM	3:15 PM	Model Free Kinetics using the ASTM Methods	Peter Ralbovsky	Netzsch
3:15 PM		Adjourn		

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