



## DIERS SPRING 2025 MEETING AGENDA - Wednesday, April 30, 2025

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 Shakeel Kadri	Chair Vice-Chair Staff Director
10:15 AM	10:45 AM	Leveraging Criteria for Simplified Calculation Approaches: A Methodology for Effective PSV Sizing in Condensate Drum Applications	Nathan Sheng	BASF
10:45 AM	11:30 AM	Relief Device Sizing for Frequent Applications in Refineries and Other Facilities – Step-by-Step Methods	John Fowler	Fowler Gulf Consulting
11:30 AM	11:45 AM	ioMosaic - Sponsor Presentation		
11:45 AM	12:15 PM	Calculation of Wetted Surface Area of Oblique Circular Conical Shells and Heads	Leonid Korelstein	PASS SUITE
12:15 PM	12:30 PM	DIERS Projects Update	Passa Piland	Bayer
12:30 PM	1:15 PM	Lunch		
1:15 PM	1:45 PM	Effects of Running Lighter Crudes on Refinery Relief System Design	Dustin Smith	Smith & Burgess
1:45 PM	2:30 PM	Wall Heating Considerations for Large Low Pressure and Cryogenic Storage Tanks	Georges Melhem	ioMosaic
2:30 PM	3:15 PM	Liquid Thermal Stratification and Destratification in Pressure Vessels Exposed to External Fire	Greg Hendrickson	Retired
3:15 PM	3:30 PM	Break		
3:30 PM	4:00 PM	Tank Venting & Floating Roof Damage Case Studies for Atmospheric Vapor Pressure Liquids	Eric Parvin	PARV Process Consulting & Engineering
4:00 PM	4:30 PM	Fire Case Relief Device Calculations: Heat Flux Considerations	Julie Spence	Irving Oil
4:30 PM	5:00 PM	Trim Selection: At Your Peril	Freeman Self	Bechtel Energy
5:00 PM	5:30 PM	Piping System Design and Testing for Petrochemical Plants	Dilip Das	ioMosaic
5:30 PM		Adjourn		



## DIERS SPRING 2025 MEETING AGENDA - Thursday, May 1, 2025

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	What is New with SuperChems for DIERS v12.08	Georges Melhem	ioMosaic
10:45 AM	11:15 AM	Systematic Application of DIERS and Process Safety Principles for BESS Safety	James Close	ioMosaic
11:15 AM	11:30 AM	Break		
11:30 AM	12:00 PM	The DIERS Continuing Education Program: Current Offerings and Future Plans.	Dan Smith	Albemarle
12:00 PM	12:30 PM	US Railcar Design and Analysis	Cliff Phares	ioMosaic
12:30 PM	1:15 PM	Lunch		
1:15 PM	2:00 PM	Case Study: Isoprene Railcar Reactive Relief	Aristides Morillo	Shell
2:00 PM	2:15 PM	API Update	Georges Melhem	ioMosaic
2:15 PM	2:45 PM	A Decade and 5,000 Tests on PSV Stability – Key Learnings and Insights	Dustin Smith	Smith & Burgess
2:45 PM	3:00 PM	Break		
3:00 PM	3:15 PM	ASME XIII Update	Danielle Mainiero-Cessna	ProSaf
3:15 PM	3:30 PM	Chair Report	Harold G. Fisher	Chair
3:30 PM	4:00 PM	Body Bowl Choking Revisited	Greg Hendrickson	Retired
4:00 PM	4:30 PM	Reactive Chemical Concerns Associated with the Hydrolysis of Acetonitrile	Rui Xu	Corteva Agriscience
4:30 PM	5:30 PM	Basics of Flammability	Todd Brandes	Chemours
5:30 PM		Adjourn		



## DIERS SPRING 2025 MEETING AGENDA - Friday, May 2, 2025

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	Safer Processes are Possible with Calorimetry	Paul Dawson	SETARAM Inc. KEP Technologies
10:30 AM	11:30 AM	Update of ASTM E537-24 for DSC Testing Method	Min Sheng	East China University
11:30 AM	11:45 AM	Break		
11:45 AM	12:30 PM	Forget Direct Scale-up and Master Kinetic Modeling Instead	Georges Melhem	ioMosaic
12:30 PM	1:15 PM	Lunch		
1:15 PM	1:45 PM	Round-Robin Update - Allyl Phenyl Ether	Garrett Dupre	W. R. Grace
1:45 PM	2:45 PM	A Look at Screening Methods from DSC to ARC	Peter Ralbovsky	NETZSCH
2:45 PM	3:00 PM	Break		
3:00 PM	3:15 PM	DIERS Membership Benefits	Lisa Ruth	ioMosaic
3:15 PM	4:15 PM	Basics of Gas Deflagration Venting Technology	Todd Brandes	Chemours
4:15 PM	5:00 PM	A Review of the Optima Belle Runaway and Explosion	Georges Melhem	ioMosaic
5:00 PM	Adjourn			

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