



DIERS FALL 2026 MEETING AGENDA - Monday, October 26, 2026

CENTRAL TIME		Title	Presenter	Association
Start Time	End Time			
7:00 AM	8:00 AM	Establish Contact / Sign-in / Meeting and Software Instructions		
8:00 AM	8:15 AM	Welcome / Orientation	Harold G. Fisher Georges Melhem	Chair Emeritus Chair
8:15 AM	9:15 AM	What is new in SuperChems for DIERS v15.0	Georges Melhem	ioMosaic
9:15 AM	9:45 AM	Agentic Relief System Design: A Deterministic Framework for Selecting and Documenting the Right Overpressure Protection Strategy	Casey Houston	Cognascents Consulting
9:45 AM	10:00 AM	API SCPRS Fall 2025 Meeting Highlights	Georges Melhem	ioMosaic
10:00 AM	10:30 AM	Coffee Break - DIERS Meeting Room		
10:30 AM	11:00 AM	Restriction Choking Orifices - Sizing & Specification	Freeman Self	Bechtel
11:00 AM	11:30 AM	Safe Operation of Methanol Storage Tanks: Comparison of Venting and Pressure Relief Concepts for Marine Applications	Michael Loesel Tom Gutte Michael Davies	PROTEGO
11:30 AM	12:00 PM	The Effects of Installation on the Capacity of Tank Vents	Dustin Smith	Smith & Burgess
12:00 PM	1:15 PM	Lunch		
1:15 PM	2:00 PM	Incorporating detailed combustion methods in flare and flame jet modeling	Georges Melhem	ioMosaic
2:00 PM	2:15 PM	Sponsor Showcase - LESER	Sponsor Showcase	LESER
2:15 PM	2:45 PM	DIERS Election Candidate Presentations	DIERS	DIERS
2:45 PM	3:15 PM	Coffee Break - DIERS Meeting Room		
3:15 PM	3:30 PM	Chair Report	Georges Melhem	Chair
3:30 PM	3:45 PM	DIERS Projects Update	Passa Piland	Bayer
3:45 PM	4:45 PM	DIERS Foresight Committee	Greg Hendrickson	Retired
4:45 PM		Adjourn		



DIERS FALL 2026 MEETING AGENDA - Tuesday, October 27, 2026

CENTRAL TIME		Title	Presenter	Association
Start Time	End Time			
7:00 AM	7:55 AM	Establish Contact / Sign-in / Meeting and Software Instructions		
7:55 AM	8:00 AM	Welcome / Orientation	Harold G. Fisher Georges Melhem	Chair Emeritus Chair
8:00 AM	8:30 AM	Unintended Effects of Modifications to Relief Devices	Dustin Smith	Smith & Burgess
8:30 AM	9:00 AM	Propagating Input Uncertainty through the API 520 Part II Relief Valve Stability Analysis	Casey Houston	Cognascents Consulting
9:00 AM	9:30 AM	Testing Safety Valve Stability with Different Inlet Line Length. Is the Simplified Critical Line Length Sufficient?	Thomas Raeder	LESER
9:30 AM	10:00 AM	Backpressure and Stability Considerations	Greg Hendrickson Dustin Smith	Retired Smith & Burgess
10:00 AM	10:30 AM	Coffee Break - DIERS Meeting Room		
10:30 AM	11:15 AM	A critical review of API-521 equation for relief requirements of gas-filled vessels exposed to fire	Georges Melhem	ioMosaic
11:15 AM	11:30 AM	Sponsor Showcase - ioMosaic	Sponsor Showcase	ioMosaic
11:30 AM	12:00 PM	Strengths and Weaknesses of Current Single-Phase Sizing Methods for Rupture Discs – a Numerical Case Study	Christopher Dechert	REMBE
12:00 PM	1:15 PM	Lunch		
1:15 PM	2:00 PM	An overview of flare purge rate requirements methods	Georges Melhem	ioMosaic
2:00 PM	2:15 PM	Sponsor Showcase - Thermal Hazard Technology	Sponsor Showcase	Thermal Hazard Technology
2:15 PM	2:45 PM	Rebuilding API 581 Prd Pofod Using Bayes Theorem	Nicholas Plentovich	Equity Engineering Group
2:45 PM	3:15 PM	Coffee Break - DIERS Meeting Room		
3:15 PM	3:45 PM	Sizing Inert-Gas Make-Up Supply Correctly Under API STD 2000 Annex F	Nicholas Plentovich	Equity Engineering Group
3:45 PM	5:00 PM	Panel discussion on relief device stability and sizing	Panel Discussion	Panel Discussion
5:00 PM		Adjourn		



DIERS FALL 2026 MEETING AGENDA - Wednesday, October 28, 2026

CENTRAL TIME		Title	Presenter	Association
Start Time	End Time			
7:00 AM	7:55 AM	Establish Contact / Sign-in / Meeting and Software Instructions		
7:55 AM	8:00 AM	Welcome / Orientation	Harold G. Fisher Georges Melhem	Chair Emeritus Chair
8:00 AM	8:30 AM	How Hydrogen Ignition Is an Extrinsic Property	Edison A. Sripaul	Texas A&M University
8:30 AM	9:15 AM	Design strategy for venting of batteries, modules & packs	Joseph Willmot Stelios Mores	Thermal Hazard Technology
9:15 AM	10:00 AM	MAC Accumulation Explosive Decomposition Triggered By Ignition Sources & Safeguarding	Ping Zhao	Shell
10:00 AM	10:30 AM	Coffee Break - DIERS Meeting Room		
10:30 AM	11:15 AM	Combining Reaction Calorimetry and Dynochem Modelling to Predict Runaway Scenarios and How to Avoid Them	Simon Rea	Mettler Toledo
11:15 AM	12:00 PM	Overlooked hazards of common pool and water treatment chemicals	Georges Melhem	ioMosaic
12:00 PM	1:15 PM	Lunch		
1:15 PM	1:45 PM	API Tier 1 Release RBPS Lessons	Randal Reed	DEKRA
1:45 PM	2:30 PM	Process-Simulation-Derived Source Terms for Overpressure Consequence Analysis In Hydrogen Production Facilities	Tanishq Goyal	Indian Institute of Petroleum and Energy
2:30 PM	3:00 PM	Revalidation of Emergency Relief System Design Assumptions In an Offshore Hydrocarbon Stabilization Facility	Shahid Mahmood	ADNOC Offshore
3:00 PM		Adjourn		

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