



DIERS SPRING 2026 MEETING AGENDA - Wednesday, April 29, 2026

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	Georges Melhem Harold G. Fisher	Chair Chair Emeritus
10:15 AM	11:15 AM	What is new in SuperChems for DIERS v14.3	Georges Melhem	ioMosaic
11:15 AM	11:30 AM	ASME Section XIII Update	Danielle Mainiero-Cessna	PROSAF
11:30 AM	11:45 AM	ioMosaic - Sponsor Presentation		
11:45 AM	12:15 PM	Pressure Under Control! Essential Lessons Learned for the Safe Operation of Double Diaphragm Pumps	Dariusz Jablonski Passa Piland	Bayer AG
12:15 PM	12:30 PM	API SCPRS Fall 2025 Meeting Highlights	Georges Melhem	ioMosaic
12:30 PM	1:15 PM	Lunch		
1:15 PM	1:45 PM	Considerations for Relief Systems Mitigations: Relief Systems Designers Need to Consider Indirect Changes of Mitigations	Dustin Smith	Smith & Burgess
1:45 PM	2:15 PM	Decoding the Proposed API-520 Update: Pilot Valve Kb Curve Explained	Sean Croxford	Curtiss-Wright Corp, Farris Engineering
2:15 PM	2:45 PM	Recognizing When to Apply DIERS Methodology for Storage Vessels: A Pressure Relief Engineer's Perspective	Bridget Brunnemann	Cognascents Consulting
2:45 PM	3:15 PM	So You Want to Be an Expert Witness?	John Fowler	Fowler Gulf Consulting
3:15 PM	3:30 PM	Break		
3:30 PM	4:00 PM	Operator Intervention In Liquid Overfilling Scenarios: A Systematic Framework for Meeting API 521 Recommendations	Shahin Zafari Dustin Smith	Smith & Burgess
4:00 PM	5:00 PM	DIERS Foresight Committee - The Next 50 Years	Greg Hendrickson	Retired
5:00 PM		Adjourn		



DIERS SPRING 2026 MEETING AGENDA - Thursday, April 30, 2026

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	Georges Melhem Harold G. Fisher	Chair Chair Emeritus
10:00 AM	10:30 AM	Considerations for Treating Tube Rupture As a Non-Credible Overpressure Scenario	Dustin Smith Randy Montgomery	Smith & Burgess
10:30 AM	11:00 AM	Installed but Not Verified: Maintenance Lessons from Low Pressure Storage Tank Vent Failures	Teodora Cusmina Temo Gonzalez Chipuli	Protectoseal
11:00 AM	11:15 AM	Break		
11:15 AM	11:45 AM	Low Pressure Tanks: Unique Overpressure Concerns	Robert Foley Dustin Smith	Smith & Burgess
11:45 AM	12:15 PM	DIERS Projects Update	Passa Piland	Bayer
12:15 PM	1:00 PM	Lunch		
1:00 PM	2:00 PM	Liquid Full Conditions Considerations for Safe Storage and Transportation of Chemicals	Georges Melhem	ioMosaic
2:00 PM	2:30 PM	AI-Empowered Protocol for Safety-Intelligent Cyber-Physical Monitoring and Control System In Sustainable Energy Management Applications	Zhane Ann Tizon Yuhe Tian Efstratios Pistikopoulos	West Virginia University Texas A&M Energy Institute
2:30 PM	2:45 PM	"Ignitability" is the new Flammability - A Process Safety Tutorial	Freeman Self	Bechtel
2:45 PM	3:00 PM	Chair Report	Georges Melhem	Chair
3:00 PM	3:15 PM	Break		
3:15 PM	3:45 PM	Steam-Induced Condensate Accumulation Causing Flare Pilot Failure: A Case Study	Eric Parvin	PARV Process Consulting & Engineering
3:45 PM	4:15 PM	DIERS Fire Relief Best Practice Team - Fusible Plugs As Option For Vessel Wall Weakening?	Kerry McBride	Hunt, Guillot, & Associates
4:15 PM	5:00 PM	Getting the Most out of DIERS Know How	Georges Melhem	ioMosaic
5:00 PM		Adjourn		



DIERS SPRING 2026 MEETING AGENDA - Friday, May 1, 2026

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	Georges Melhem Harold G. Fisher	Chair Chair Emeritus
10:00 AM	10:30 AM	Two-Dimensional Interpolation of Multiphase Fluid Properties and Results of Its Implementation In Piping Fluid Flow Analysis Software	Maria Skripachenko Leonid Korelstein	Piping Systems Research & Engineering Co
10:30 AM	11:00 AM	Accident Investigation in a Pharmaceutical Laboratory in Shanghai	Min Sheng	East China University
11:00 AM	11:15 AM	Break		
11:15 AM	11:45 AM	Basics of Polymerization	Dilip Das	ioMosaic
11:45 AM	12:15 PM	Thermal Hazard Evaluation of Reactive Gases by ARC and VSP	Jiliang He	DEKRA
12:15 PM	1:00 PM	Lunch		
1:00 PM	2:00 PM	Understanding Thermal Radiation	Georges Melhem	ioMosaic
2:00 PM	2:30 PM	Reactive Hazards in Shell's HydroFormylation (SHF) Process	Nick Gonzales	Shell
2:30 PM	3:00 PM	EPSE Tier Assessment for Thermal Hazards and Vent Sizing	Michael Toth	Merck
3:00 PM	3:15 PM	Break		
3:15 PM	3:45 PM	Case Study of a Borane-THF Explosion	David am Ende	Nalas Engineering Services
3:45 PM	4:45 PM	Overlooked Inherent Hazards of Commonly Used Water and Pool Treatment Chemicals	Georges Melhem Ehab Shaaban Abdo Iskandar	ioMosaic
4:45 PM		Adjourn		

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