

# 28th Joint Engineering Societies Conference

Cajundome Convention Center—Lafayette, LA

February 28-29, 2024

Wednesday, February 28, 2024

Initial

Time	Location	Topic	Initial
7:30 AM - 9:00 AM	Exhibit Hall A	Registration Opens/Breakfast in Exhibit Hall A	
8:30 AM - 9:20 AM	Blues	<b>Street Strategies: Unveiling the Artistry Behind Traffic Engineering</b> - Kimberly McDaniel, PE	
	Cajun/Gospel	<b>Hydraulic vs Electric Machinery in Sector Gate Applications</b> - Isaac Frederick, PE & Sweden Ledet	
	Jazz	<b>Geohazard Mitigation and Geostabilization: Navigating Challenges and Providing Invaluable Support</b> - Will Brantley, PE	
	Zydeco	<b>Resilient Coastal Infrastructure: Mitigating Windstorm Impacts and Empowering Vulnerable Communities</b> - Aly Mousaad Aly, PE	
	Exhibit Hall B	<b>Challenges of Designing Earthen Containment Dike with Peat Material for a Marsh Creation Project</b> - Nicholas McCoy, PE	
9:20 AM - 9:45 AM	Exhibit Hall A	Break in Exhibit Hall A	
9:45 AM - 10:35 AM	Blues	<b>Legacy Properties: A History of Learning, Application, and Rewards</b> - Markle Farber	
	Cajun/Gospel	<b>Hydraulic Odor and Corrosion Control in Sewer Drops</b> - Kerry Koressel	
	Jazz	<b>How Well Do You Know Your Moduli?</b> - Oliver Taylor	
	Zydeco	<b>Air Valves - Why and Where</b> - Andy Brown	
	Exhibit Hall B	<b>Modeling Pumping and Pipelines from Steady State to Surge; Designing for Changes in Velocity</b> - Frank Knowles Smith, III	
10:35 AM - 11:00 AM	Exhibit Hall A	Break in Exhibit Hall A	
11:00 AM - 11:50 AM	Blues	<b>Evolving Landscape of Dam and Levee Safety</b> - Billy Williamson, PE	
	Cajun/Gospel	<b>Commercial Tankless Applications and Sizing Training</b> - Kevin Milazzo, PE	
	Jazz	<b>Stable Isotope Geochemistry, Chloride-Bromide Systematics, and the Identification of Sources of Saline Groundwater, Raceland Field, Lafourche Parish, LA</b> - Bruce Darling, Ph.D., PG	
	Zydeco	<b>Public Speaking and Presentation Skills for the Introverted Engineer</b> - Andy Brown	
	Exhibit Hall B	<b>Make a Concrete Decision to be Sustainable</b> - Cyndi Glascock	
11:50 AM - 12:00 PM	Exhibit Hall A	Break in Exhibit Hall A	
12:00 - 1:00 PM	Exhibit Hall B	<b>Legislative Luncheon</b> - Ryan & Randy Haynie	
1:00 PM - 1:30 PM	Exhibit Hall A	Break in Exhibit Hall A	
1:30 PM - 2:20 PM	Blues	<b>Preserving Structures &amp; Tidal Flow Restoration in the Florida Keys</b> - John Weres, PE	
	Cajun/Gospel	<b>AWP Advanced Workforce Planning - It's a Team Sport</b> - Glenn Young, PE	
	Jazz	<b>Application of Geophysics to Highway Design, Construction, and Maintenance: a 2024 Perspective</b> - Carl Rascoe, PE	
	Zydeco	<b>Shepherd Leadership: Insights from 'The Way of The Shepherd'</b> - Occie Norton, PE	
	Exhibit Hall B	<b>Saving Land and Cost on Post-Construction Stormwater Treatment through Hydrodynamic Separation</b> - Jeremiah Lehman, PE	
2:20 PM - 2:40 PM	Exhibit Hall A	Break in Exhibit Hall A	
2:40 PM - 3:30 PM	Blues	<b>811 - Damage Prevention</b> - Cole Vanderlick	
	Cajun/Gospel	<b>VVUQ, the Cure to GIGO in Engineering Simulations</b> - Bart Kemper, PE	
	Jazz	<b>Electric Grid Operation - How Does Electricity Reach Your Home?</b> - Jeffrey Stewart, PE	
	Zydeco	<b>A Holistic Approach to Water Quality and Corrosion Control</b> - Brian Dyess	
	Exhibit Hall B	<b>Ductile Iron Pipe vs. Plastic Pipe</b> - Allen Cox	
3:30 PM - 3:50 PM	Exhibit Hall A	Break in Exhibit Hall A	
3:50 PM - 4:40 PM	Exhibit Hall B	<b>Professionalism and Ethics in Engineering</b> - Jeffrey Pike, PE	
4:40 PM - 6:00 PM	Exhibit Hall A	Exhibitor Meet and Greet in Exhibit Hall A	

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Initial

Time	Activity	Initial
8:00 AM - 8:30 AM	Breakfast in Exhibit Hall A	
8:30 AM - 9:20 AM	Blues	<b>The Office of Multmodal Commerce</b> - Mary "Molly" Bourgoyne, PE
	Cajun/Gospel	<b>Achieving the Reliability Excellence of the Rotating Equipment</b> - Fathy Mostafa, PE
	Jazz	<b>Tiered Approach to Locating Leaking Artificial Penetrations during Screening and Selection of Carbon Capture and Sequestration Sites</b> - Danny Kingham, PG
	Zydeco	<b>Peak Wet Weather Flow Management with EHRT Helps Facilities Prevent Overflow</b> - John Dyson
	Exhibit Hall B	<b>Helical Pile Design: General Overview</b> - Moncef Souissi, Ph.D.
9:20 AM - 9:40 AM	Break in Exhibit Hall A	
9:40 AM - 10:30 AM	Blues	<b>Leveraging Technology to Replace Manual Process with Automation: Smart Cities Simplified</b> - Candler McCollum
	Cajun/Gospel	<b>Leveraging Machine Learning / AI to Reduce Cost and Increase Efficiency in Engineering</b> - Leo Holzenthal, PE
	Jazz	<b>Water Resources Optimization and Management under Uncertainty</b> - Chin Man Mok, Ph.D., PE, PG
	Zydeco	<b>Press Relations and Public Speaking as an Engineer</b> - Bart Kemper, PE & Krista Kemper
	Exhibit Hall B	<b>Low Water on the Mississippi River: Why It Happens &amp; What It Means</b> - Mary "Molly" Bourgoyne, PE
10:30 AM - 10:50 AM	Break in Exhibit Hall A	
10:50 AM - 11:40 AM	Blues	<b>Resiliency of High-Performance Polypropylene Pipe in Critical Drainage Systems</b> - Brandon Faciane
	Cajun/Gospel	<b>Insertion Valve Technology and Applications</b> - Zach Raley & Dan Huffaker
	Jazz	<b>The Livingston Train Derailment Remediation Success?</b> - William Schramm
	Zydeco	<b>Engineers' Liability in the Climate Change Environment</b> - Mary Anne Wolf, PE
	Exhibit Hall B	<b>Application of Corn Husk Fiber in Durability of Concrete</b> - Firouz Rosti & Iselobhor Vincent Ikhine
11:40 AM - 12:00 PM	Break in Exhibit Hall A	
12:00 PM - 12:50 PM	Exhibit Hall B	<b>Lunch &amp; Learn - Louisiana Code of Governmental Ethics</b> - Brett Robinson
12:50 PM - 1:00 PM	Break in Exhibit Hall A	
1:00 PM - 1:50 PM	Exhibit Hall B	<b>Public Bid Law Refresher</b> - Brett Robinson
1:50 PM - 2:00 PM	Break in Exhibit Hall A	
2:00 PM - 2:50 PM	Exhibit Hall B	<b>LAPELS Panel Discussion</b>

Total PDHs earned through attendance of the 28th Joint Engineering Societies Conference \_\_\_\_\_

I hereby attest that I have attended the sessions documented above and that the cumulative PDHs total above is accurate.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Signature