

2024 LOUISIANA CIVIL ENGINEERING CONFERENCE AND SHOW

Wednesday, September 18, 2024 - Morning Sessions			
7:30 am - 8:30 am	Breakfast (HALLS A & B)		
	Room 1	Room 2	Room 3
Moderators			
8:30 am - 9:30 am	Digital Twinning of New Orleans Flood Risk Reduction Infrastructure	Application of Helical Piles in Clayey Soils	Reaching Across the Peristyle: Overcoming Stereotypes and Differences between Architects and Engineers
	Malay Ghose Hajra PE & Russell J. "Joey" Coco, Jr., P.E., MBA <i>(Southeast Louisiana Flood Protection Authority - East)</i>	Firouz Rosti PhD, PE. <i>(McNeese State University)</i>	Jennifer Snape PE <i>(Marais Consultants, LLC)</i>
9:30 am - 10:30 am	Importance of traffic control in Work Zones	Near-Surface Geophysics: Decreasing Geotechnical Risks without Breaking Ground	When Maintenance Drives Design
	Brett Morgan Statewide Traffic Control Specialist <i>(LaDOTD)</i>	Nick Ratcliff PG <i>(Terracon)</i>	Crystal Cochran Green Stormwater Infrastructure Specialist <i>(Ferguson Waterworks)</i>
10:30 am - 11:00 am	Morning Break (HALLS A & B)		
11:00 - 12:00	Overview of New Regulatory and Warning Signs in 11th Edition MUTCD	Company Canal CE&I	Update on the Ethical Use of Artificial Intelligence in Civil Engineering
	Gary LeBlanc, PE <i>(Neel Schaffer)</i>	Frederick Wetekamm PE & Sean Brock <i>(Hardesty & Hanover)</i>	Norma Jean Mattei, PE, PhD & Reda Bakeer, PE, PhD
12:00 pm - 1:00 pm	Lunch (HALL C)		

Thursday, September 19, 2024 - Morning Sessions			
7:30 am - 8:30 am	Breakfast (HALLS A & B)		
	Room 1	Room 2	Room 3
Moderators			
8:30 am - 9:30 am	ASCE 7-22 Changes to Wind Loads:- Part 1: Straight-line Wind Loads	Soft Ground Stabilization and Improvement Methods in South Louisiana	Update on DPW Activities
	John "Buddy" Showalter, PE <i>(International Code Council)</i>	Chad Roe PE & James Williams, PE <i>(Eustis Engineering, L.L.C.)</i>	Rick Hathaway <i>(Director of City of New Orleans DPW)</i>
9:30 am - 10:30 am	ASCE 7-22 Changes to Wind Loads - Part 2: Tornado Loads	Building Nature Into Infrastructure	Projects of the Parish
	John "Buddy" Showalter, PE <i>(International Code Council)</i>	Tyler Ortego PE <i>(Natrix)</i>	President Michael Cooper <i>(St. Tammany Parish)</i>
10:30 am - 11:00 am	Morning Break (HALLS A & B)		
11:00 - 12:00	SWBNO - Saltwater Intrusion Retrospective	Sustainability in the Foundation Construction Industry: A Contractor's Perspective	DOTD Chief Engineer's Perspective
	Chris Bergeron PE & Felicia Bergeron, PE <i>(Sewerage & Water Board of New Orleans)</i>	Dennis Boehm Senior Vice President <i>(Keller North America)</i>	Chad Winchester, PE <i>(Louisiana DOTD)</i>
12:00 pm - 1:00 pm	Lunch (HALL C)		

Wednesday, September 18, 2024 - Afternoon Sessions			
	Room 1	Room 2	Room 3
Moderators			
1:00 pm - 2:00 pm	Strength Design: Going Beyond 48 Inches on Center and More	Are You Shore It's Living? - Benefits of Living Shorelines in Coastal Communities	Hawai'i Wildfire Response Mission
	Philippe Ledent, PE <i>(Masonry Institute of Michigan)</i>	Hiruni Fernando, EIT & Brandon Homan <i>(Freese & Nichols)</i>	John Fogarty, PE <i>(US Army Corps of Engineers)</i>
2:00 pm - 3:00 pm	Microbial Induced Corrosion	Numerical Modeling of Annual Shoaling Rate at Baptiste Collette Bayou, Louisiana, in the Authorized Ship Channel Improvement Project	Projects of the Parish
	Greg Roache <i>(Gainey's)</i>	LIHWA LIN PhD, Dr. Tzenge-Huey, & J. Shih <i>(US Army Corps of Engineers)</i>	President Keith Hinkley <i>(Plaquemines Parish)</i>
3:00 pm - 3:30 pm	Afternoon Break (HALLS A & B)		
3:30 pm - 4:30 pm	Buzz Hair Lecture Lessons Learned: Ways to Lessen Litigation Potential	Low Carbon Concrete	Jefferson Parish Response to the Saltwater Intrusion Threat of 2023
	David E. Lourie, P.E., D.GE, F.GBA <i>(Lourie Consultants)</i>	William Ciggelakis PE <i>(Professional Service Industries, Inc.)</i>	Mitchell Theriot PE <i>(Jefferson Parish Engineering Department)</i>
4:30 pm - 6:00 pm	LCECS ICEBREAKER (HALLS A & B)		

Thursday, September 19, 2024 - Afternoon Sessions			
	Room 1	Room 2	Room 3
Moderators			
1:00 pm - 2:00 pm	Membrane Treatment Design on the Lower Mississippi River	Darrell Elliot Lecture Design of Concrete Pavements for Parking Lots and Heavy Duty/Industrial Sites	The History of Sewerage and Water Board Power Generation
	Alex Dmytraczenko PE & Reed Alexander <i>(GDM Smith)</i>	Amanda Hult, PE <i>(National Ready Mixed Concrete Association)</i>	Gerry Preau, PE <i>(Ardurra)</i>
2:00 pm - 3:00 pm	New Datums for the USA	Sustainability and the Road to Carbon Neutrality with Low-Density Cellular Concrete (LDCC)	Intelligent Infrastructure: Integrating AI into Civil Engineering for Tomorrow's Solutions
	J. Anthony Cavell PLS, CFedS <i>(GPSman.com or Louisiana Spatial Reference Center)</i>	Nico Suttmoller Global Lightweight Fill Specialist, M. ASCE <i>(Aerix Industries)</i>	Henry Hays <i>(DisruptREADY)</i>
3:00 pm - 3:20 pm	Afternoon Break (LOBBY)		
3:20 pm - 4:20 pm	Herbert J. Roussell, Jr. Lecture Tips for Validating the Results of Structural Engineering Computer Analysis	Development of New Site Specific Compressibility and Consolidation Characterization of Clays and Settlement Studies of Four Large Ground Supported Tanks - A Case Study	Recent Legislative Updates Affecting Civil Engineers and Civil Construction Projects
	Clifford Schwinger, PE <i>(IMEG)</i>	Mayooran Krishnathasan PE & Jaideep Chatterjee, PhD, PE, BCGE, F.ASCE <i>(Tolunay-Wong Engineers, Inc.)</i>	Brian Schaps Esq. <i>(Deutsch Kerrigan, LLP)</i>

ALL PRESENTATIONS HAVE BEEN CONFIRMED, BUT SOME CHANGES MAY STILL OCCUR

Building Code Presentation	Ethics Presentation	Featured Speaker Presentation
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