

# UCT 2023 Primary Education Program

## Feb. 7-9, 2023 / Orange County Convention Center-West Hall / Orlando, FL

1/09/2023

### Tuesday, Feb. 7

	ROOM 222A <i>Track I-A: Sewer/Water Construction &amp; Rehabilitation</i>	ROOM 222B <i>Track I-B: Sewer/Water Construction &amp; Rehabilitation</i>	ROOM 224C <i>Track II NASSCO Exchange</i>	ROOM 224B <i>Track III Emerging Technology</i>	ROOM224A <i>Track IV-A HDD</i>	ROOM 224D <i>Track V Utility Construction Developments</i>	ROOM 224E <i>Track VI-A Damage Prevention &amp; Safety</i>
8 – 8:25			Grouting Unified Safe Operating Practices Program Overview				Subsurface Condition Assessments
8:30 – 8:55	Mentorship Doesn't Need to be Formal	Structural Spray Rehabilitation of Pressure Pipes	Basics and Benefits of Spiral-Wound Technology	Digital Ecosystems in the Industrial Sector	HDDA Introduction	Infrastructure Investment & Jobs Act: Examining Status of Federal Infrastructure Investment	Damage Prevention Field Auditing & OQ Oversight
9 – 9:25	Emergency Force Main Repair Using Pressure CIPP	Cavems of Calloway: Dirt Pipes are Expensive		MonoformPlus: Long-Term Trenchless Rehabilitation Solution	Long Pulls by Horizontal Directional Drilling		Proper Potholing Technique for Vacuum Excavators
9:30 – 9:55	Semi-Structural Lining Solutions for Pressure Pipe Applications with Multiple Bends	Seabrook's Strategy for Increased Resiliency	Trenchless Rehab Technology Options for Pressure Pipe	Hybrid Felt for CIPP Strengthens Pipe, Reduces Cost	Drillguide Radar Intersect Technology	Pilot Tube Guided Boring Installs New Sanitary Sewer in Milwaukee	Outside the Box: Leveraging New Technology in Excavation Shoring Systems
10 – 10:25	Class IV Fully Structural Slipline Applications	CIPP: Chosen Solution for Emergency Repair of 42" Force Main		Pressure Pipe Management: You Have Options		Optimizing Tooling Selection: Achieving Lowest Cost-Per-Foot-Drilled	
10:30-10:55	Grout-In-Place Liner Systems: State-of-the-Industry Practices					Electric Auger Boring Machine: Regulation & Performance Benefits	Accident Awareness & Loss Prevention for Waterworks-Related Tools
11-11:25	Panel Discussion: Collaborative Delivery 101	Thinking Outside the Box Eliminates Junction Structures	Keeping Workers, Environment Safe from Styrene in CIPP	Automotive-Style Technology Pushes Fusion Industry Forward	What's in Drilling Fluid & How is it Used?	New Technology in Vacuum Excavation Machinery	
11:30-12		New Open-Cut Sewer/Water/Stormwater Inspector Online Training			Mechanical Reinstatement of Service Connections in CIPP-Lined Pressure Pipes	Mud Recycling & Shaker Screens 101	

### Wednesday, Feb. 8

	ROOM 222A <i>Track VII Manholes</i>	ROOM 222B <i>Track VIII-A Asset Management</i>	ROOM 224B <i>Track IX Infiltration &amp; Inflow</i>	ROOM 224C <i>Track I-C: Sewer/Water Construction &amp; Rehabilitation</i>	ROOM 224D <i>Track XI Electric/Fiber</i>	ROOM 224A <i>Track IV-B HDD &amp; Energy</i>	ROOM 224E <i>Track VI-B Damage Prevention &amp; Safety</i>
8:30-8:55		How Omissions in Design Affect Carbon Footprint in Trenchless Projects	Manhole Cover Impact on I&I and SSOs' Public Enemy #1	Water System Sustainability via Unidirectional Flushing: Utility Success Stories			Shifting Focus: Stop Problem-Solving, Start Problem-Preventing
9 – 9:25	Simple, Safe, Fast, Accurate: Manhole & Precast Concrete Adjustment-to-Grade	Developing Quality Evaluation & Management Tools for Sewer Inspection Data		SAPL Geopolymer Lining of Storm Systems in Central FL			What New Legislation Means to Contractors
9:30-9:55	Multiple Manhole Rehab Technologies for a Shutout Win Against I&I	Cost-Effective Pipeline Condition Assessment for Asset Management Programs	Removing Hard Blockages & CIPP Failures in 3" to 8" Pipes	Coatings are Stupid: You are the Brains Behind a Successful Project	Preparing for Electric Grid Hardening	Next-Generation Trenchless Rehabilitation for Gas Pipelines	Next Practices for New Generation of Damage Prevention Solutions
10 – 10:25	Sewer Collection Rehabilitation: Four Steps to Success		Fixing Systemic I&I with Innovative Lateral Lining & Connection Technology	<b>Track X: Women in Underground Utilities</b> Beyond Women in Utilities: What Diversity, Equity & Inclusion Really Mean		Gyro Navigation in Congested Urban Areas	
10:30-10:55	Developments in Composite Manhole Covers Help Solve Pollution	The Future is Here: AI, Machine Learning & Advanced Condition Assessment Technology	Benefits, Lessons Learned from Proactive SSES Program	No 'Engineerettes': My 39+ Years in Utility Engineering	OSP Fabric Mesh Solution for Immediate Network Deployment	What is my Roller Bit Telling me?	Production, Safety, OSHA Subpart P & Role of 'Competent Person'
11 – 11:25		Pressure Pipe Inspections: Planning & Technologies	Modeling I&I: Non-Traditional Tool for City-Wide Reduction Solutions	Jump Right In! How to Excel in Sewer Maintenance & Construction	Sustainable Grid Expansion: Trenchless Installation Technologies for Underground Cables	Pipeline Owner/Operator Roundtable	Advanced Dry Suction Excavation Integration into North America
11:30 – 12	Basalt Fiber Reinforced Polymer in Manhole Rehabilitation		How to Execute a Private Property I&I Inspection Program	20 Years in the Engineering Field: Female Perspective	Expanding Opportunities in Renewable Energy		

### Thursday, Feb. 9

	ROOM 224B <i>Track I-D: Sewer/Water Construction &amp; Rehabilitation</i>	ROOM 224C <i>Track I-E: Sewer/Water Construction &amp; Rehabilitation</i>	ROOM 222B <i>Track VIII-B Asset Management</i>	ROOM 224E <i>Track VI-C Damage Prevention &amp; Safety</i>
8:30 – 8:55	Certification of Hybrid Polyurea SAPL for Gravity & Pressure Applications	Ice Pigging: Advanced Pipe Cleaning Technology	Financial Framework Maximizes Benefit of Water-Infrastructure Investment	Reducing Consequences of Gas Pipeline Damage
9 – 9:25	Design-Build Creates Synergy Between Competitors & Successful CFRP Upgrades		System-Wide Wastewater Inspections for the Environmentally Conscious	Accountability & Responsibility: OSHA as an Asset
9:30 – 10				