Tuesday, November 3, 2026

	Room: 8			**Room: 10**	
	Category: CONSTRUCTION			**Category: ELECTRICAL SYSTEMS**	
	Monitor:			**Monitor:**	
8:30-9:15	Accelerated Delivery of a Temp Bascule Bridge for Glen Island Bascule Bridge Rehabilitation	Michael Parciasepe	8:30-9:15	Autonomous Operation of Movable Bridges (NY PDHs)	Miguel Estrella, Alexander Martos Farinas
9:20-10:05	KCT Highline Bridge Replacement of Lifting Mechanism	Jay Hyland, Krishna Mehta, Nick Sprankle, Mike Elza	9:20-10:05	A Discussion on the Selection of Dynamic Braking Resistors when Applied to Heavy Movable Structures	Gareth Rees, Bob McPherson
10:05-10:35	BREAK		10:05-10:35	BREAK	
10:35-11:20	Conrail Point No Point Bridge Replacement: Replacing a 125 Year Old Swing Span with a New Single Leaf Bascule Bridge	Dan Post, Matthew Miller, Timothy Sensebe	10:35-11:20	Hawthorne Bridge Control System Upgrade: Lessons Learned and Optimization of Control System Programming	Jacqueline Henry
11:25-12:10	Restoration of the Elizabeth River Lift Bridge	Amanda Ruyack, Zachary McKinley	11:25-12:10	The Enhanced User Safety Detection System (USDS) using LiDAR Sensors and Thermal Cameras: Where is it now?	Carlos Larco, Farid Amador
12:15-1:50	LUNCH		12:15-1:50	LUNCH	
1:50-2:35	Accelerated Delivery of a Temp Bascule Bridge for Glen Island Bascule Bridge Rehabilitation	Michael Parciasepe	1:50-2:35	Autonomous Operation of Movable Bridges (NY PDHs)	Miguel Estrella, Alexander Martos Farinas
2:40-3:25	KCT Highline Bridge Replacement of Lifting Mechanism	Jay Hyland, Krishna Mehta, Nick Sprankle, Mike Elza	2:40-3:25	A Discussion on the Selection of Dynamic Braking Resistors when Applied to Heavy Movable Structures	Gareth Rees, Bob McPherson
3:25-3:55	BREAK		3:25-3:55	BREAK	
3:55-4:40	Conrail Point No Point Bridge Replacement: Replacing a 125 Year Old Swing Span with a New Single Leaf Bascule Bridge	Dan Post, Matthew Miller, Timothy Sensebe	3:55-4:40	Hawthorne Bridge Control System Upgrade: Lessons Learned and Optimization of Control System Programming	Jacqueline Henry
4:45-5:30	Restoration of the Elizabeth River Lift Bridge	Amanda Ruyack, Zachary McKinley	4:45-5:30	The Enhanced User Safety Detection System (USDS) using LiDAR Sensors and Thermal Cameras: Where is it now?	Carlos Larco, Farid Amador
	Room: 9			**Room: 11**	
	Category: OWNERSHIP/MAINTENANCE			**Category: MACHINERY**	
	Monitor:			**Monitor:**	
8:30-9:15	Replacement of Conrail's Point-No-Point Bridge	Melissa Chapman, David Leymeister, Lawrence Nash	8:30-9:15	FCRD Fernandina Beach Mechanical Rehabilitation	Ryan Sullivan
9:20-10:05	Enhanced Nondestructive Testing Techniques for Movable Bridge Trunnion Inspections: Case Studies and Lessons Learned	Curtis Schroeder	9:20-10:05	A Case Study of the Charlevoix Bascule Bridge Track and Tread Rehabilitation	Matt Peterson, Nate Verseput
10:05-10:35	BREAK		10:05-10:35	BREAK	
10:35-11:20	Kinematic Crank Roller Model Applied to Span Balance: Strain vs VFD Derived System Torque	Tye Aldana	10:35-11:20	Belden Bly Bridge Design (NY PDHs)	William Goulet
11:25-12:10	Leveraging LIDAR for Precise Measurements of a Historic Lift Bridge	Evan Purdy, Mikaela Salzetti	11:25-12:10	The Use of Inductive Proximity Sensors for Documenting Alignment of Open Gearing on Heavy Movable Structures (NY PDHs)	John Williams, Brendan Wilhelm
12:15-1:50	LUNCH		12:15-1:50	LUNCH	
1:50-2:35	Replacement of Conrail's Point-No-Point Bridge	Melissa Chapman, David Leymeister, Lawrence Nash	1:50-2:35	Enhancing Reliability in Bridge & Dam Machinery: Advanced Housed Bearing Technology	Brent Miller
2:40-3:25	Enhanced Nondestructive Testing Techniques for Movable Bridge Trunnion Inspections: Case Studies and Lessons Learned	Curtis Schroeder	2:40-3:25	A Case Study of the Charlevoix Bascule Bridge Track and Tread Rehabilitation	Matt Peterson, Nate Verseput
3:25-3:55	BREAK		3:25-3:55	BREAK	
3:55-4:40	Kinematic Crank Roller Model Applied to Span Balance: Strain vs VFD Derived System Torque	Tye Aldana	3:55-4:40	Belden Bly Bridge Design (NY PDHs)	William Goulet
4:45-5:30	Leveraging LIDAR for Precise Measurements of a Historic Lift Bridge	Evan Purdy, Mikaela Salzetti	4:45-5:30	The Use of Inductive Proximity Sensors for Documenting Alignment of Open Gearing on Heavy Movable Structures (NY PDHs)	John Williams, Brendan Wilhelm

Wednesday, November 4, 2026

	Room: 8			**Room: 10**	
	Category: STRUCTURAL			**Category: OWNERSHIP/MAINTENANCE/CONSTRUCTION**	
	Monitor:			**Monitor:**	
8:30-9:15	Movable Bridge Load Rating Best Practices and Software Verification	George Zimmer, Yash Patel	8:30-9:15	Rehabilitation Design of a Historic Bascule Bridge: Engineering with Integrated Historic Preservation Approach	Meg Kindelin, Kathleen McNamee, Rhome Apton
9:20-10:05	Aluminum Deck Application in Practice: Lessons Learned from the First Full-Span Aluminum Orthotropic Deck Replacements on Movable Bridges	Chris D'Ambrosio, David Knickerbocker, Ronald Sanchez	9:20-10:05	Moving Towards the Future. The Need to Regularize the Application of SOI Standards to Working Industrial Structures: Case Studies in Historic Bascule Bridge Rehabilitation in Chicago	Meg Kindelin
10:05-10:35	BREAK		10:05-10:35	BREAK	
10:35-11:20	Juneau Creek Bridge Project - Cooper Landing, AK	Zach Andrews, Justin Sieg	10:35-11:20	Construction Staging for Structural and Mechanical Erection and Installation: County Route 520 (Rumson Road Bridge) over the Shrewsbury River, Monmouth County, New Jersey	Robert Tosolt, Kevin McLaughlin
11:25-12:10	East Haddam – Challenges of Adding a Sidewalk to a 456 ft long Swing Span	Kimberly Smith	11:25-12:10	Bridge No. 6 Major Rehabilitation of a Rolling Lift Bridge (NY PDHs)	Damian Nieznalski, Stephen Mikucki
12:15-1:50	LUNCH		12:15-1:50	LUNCH	
1:50-2:35	Movable Bridge Load Rating Best Practices and Software Verification	George Zimmer, Yash Patel	1:50-2:35	Rehabilitation Design of a Historic Bascule Bridge: Engineering with Integrated Historic Preservation Approach	Meg Kindelin, Kathleen McNamee, Rhome Apton
2:40-3:25	Aluminum Deck Application in Practice: Lessons Learned from the First Full-Span Aluminum Orthotropic Deck Replacements on Movable Bridges	Chris D'Ambrosio, David Knickerbocker, Ronald Sanchez	2:40-3:25	Moving Towards the Future. The Need to Regularize the Application of SOI Standards to Working Industrial Structures: Case Studies in Historic Bascule Bridge Rehabilitation in Chicago	Meg Kindelin
3:25-3:55	BREAK		3:25-3:55	BREAK	
3:55-4:40	Juneau Creek Bridge Project - Cooper Landing, AK	Zach Andrews, Justin Sieg	3:55-4:40	Construction Staging for Structural and Mechanical Erection and Installation: County Route 520 (Rumson Road Bridge) over the Shrewsbury River, Monmouth County, New Jersey	Robert Tosolt, Kevin McLaughlin
4:45-5:30	East Haddam – Challenges of Adding a Sidewalk to a 456 ft long Swing Span	Kimberly Smith	4:45-5:30	Bridge No. 6 Major Rehabilitation of a Rolling Lift Bridge (NY PDHs)	Damian Nieznalski, Stephen Mikucki
	Room: 9			**Room: 11**	
	Category: HYDRAULIC SYSTEMS			**Category: MACHINERY**	
	Monitor:			**Monitor:**	
8:30-9:15	Jupiter Federal Bascule Bridge Replacement: Gearless Direct Hydraulic Drive	Ashok Amin, Jim Hoenle	8:30-9:15	Self-Lubricating Materials in Sector Gate Design	Isaac Frederick
9:20-10:05	Rehabilitation of the Krotz Springs Rim Bearing Swing Bridge	Michael Broglie, Reid Hoffman, Zach McKinley	9:20-10:05	Victoria Bridge 3 Wire Rope Replacement and Wire Rope Tension Balancing	Maxime Lessard
10:05-10:35	BREAK		10:05-10:35	BREAK	
10:35-11:20	Design-Build Delivery of a Movable Bascule Bridge for Lock and Dam 14 Auxiliary Lock – Challenges, Resolutions, and Results	David Stanke, Greg Newman	10:35-11:20	Forgings for Better Bridges: understanding the steelmaking and forging process for informed design and purchasing decisions	Elizabeth Bilitz
11:25-12:10	Design and Construction of Sweden's Largest Double-Leaf Bascule Bridge – Stridsbergsbron	Óskar V. Gíslason	11:25-12:10	Enhancing Reliability in Bridge & Dam Machinery: Advanced Housed Bearing Technology	Brent Miller
12:15-1:50	LUNCH		12:15-1:50	LUNCH	
1:50-2:35	Jupiter Federal Bascule Bridge Replacement: Gearless Direct Hydraulic Drive	Ashok Amin, Jim Hoenle	1:50-2:35	Self-Lubricating Materials in Sector Gate Design	Isaac Frederick
2:40-3:25	Rehabilitation of the Krotz Springs Rim Bearing Swing Bridge	Michael Broglie, Reid Hoffman, Zach McKinley	2:40-3:25	Victoria Bridge 3 Wire Rope Replacement and Wire Rope Tension Balancing	Maxime Lessard
3:25-3:55	BREAK		3:25-3:55	BREAK	
3:55-4:40	Design-Build Delivery of a Movable Bascule Bridge for Lock and Dam 14 Auxiliary Lock – Challenges, Resolutions, and Results	David Stanke, Greg Newman	3:55-4:40	Forgings for Better Bridges: understanding the steelmaking and forging process for informed design and purchasing decisions	Elizabeth Bilitz
4:45-5:30	Design and Construction of Sweden's Largest Double-Leaf Bascule Bridge – Stridsbergsbron	Óskar V. Gíslason	4:45-5:30	Adventures in Instrumentation and Emergency Responses	David Barrett

Thursday, November 5, 2026					
	Room: 8			**Room: 10**	
	Category: OWNERSHIP/MAINTENANCE/MACHINERY			**Category: CONSTRUCTION**	
	Monitor:			**Monitor:**	
8:30-9:15	Hydraulic and Mechanical Drive Systems on Sister Bridges	Travis Kimmins, Jim McDowell	8:30-9:15	Coleman Bridge - Movable Roadway Grating Machinery Failure and Hydraulic System Repair	Robert Powell, CJ Morris
9:20-10:05	Design of Large Sheaves for Movable Bridges	Dan Appelbaum	9:20-10:05	Concurrent Design and Construction to Reopen a Hurricane Evacuation Route	Jonathan Eberle, John Housey, Caleb South
10:05-10:35	BREAK		10:05-10:35	BREAK	
10:35-11:20	Element Level Inspection Reporting for Mechanical Systems	Reid Brooks	10:35-11:20	Design and Construction of a Temporary Winch System to Operate a Strauss Trunnion Bascule Bridge Independent of its Existing Machinery	Hayley Kokkinakis, Adrian Soltys
11:25-12:10	Low Public Impact Counterweight Rope Replacement at the Rio Vista Bridge	Kevin Ciampi	11:25-12:10	Cody Dock - Making a Square Bridge Roll	Michael Thorogood
12:15-1:50	LUNCH		12:15-1:50	LUNCH	
	Room: 9			**Room: 11**	
	Category: ELECTRICAL SYSTEMS			**Category: OWNERSHIP/MAINTENANCE/CONSTRUCTION**	
	Monitor:			**Monitor:**	
8:30-9:15	Movable Bridge Grounding, Lightning Protection & Surge Protection Systems. Is your Bridge Protected?	Carlos Turcios	8:30-9:15	Design and Construction of the Onslow Beach Bascule Bridge	Adrienne Crider, Elizabeth Sample
9:20-10:05	Emergency Rehabilitation of the Steamboat Slough, Paintersville, and Isleton Bascule Bridges	Raymond Lopez, Jorell Gonzales	9:20-10:05	Rehabilitation of the Southport Swing Bridge Southport, Maine	Luis Burgos, Alan Fisher, Robert Blunt
10:05-10:35	BREAK		10:05-10:35	BREAK	
10:35-11:20	Electrical Design of Movable Bridges: Legacy Motor & Drive Designs and Modern Rerofits	Chad Ingram	10:35-11:20	Manistee Bascule Bridge Rehabilitation: Combining Old and New Technologies	Travis Kimmins, Jeff Triezenberg
11:25-12:10	A Discussion on the Selection of Variable Frequency Drive (VFD) Cables when Applied to Heavy Movable Structures	Gareth Rees, Yang Zheng	11:25-12:10	Advancing Safety in Movable Bridge Operations with Video Monitoring	Lewis Stallworth
12:15-1:50	LUNCH		12:15-1:50	LUNCH	