

2021 PA-AWWA VIRTUAL CONFERENCE TECHNICAL SESSIONS

TUESDAY - May 25, 2021

AM	TRACK #1 Cybersecurity/SCADA	TRACK #2 Data Management
9:00-9:30	Heather Heltzinger , Keystone Engineering Group - What is SCADA? A Guide to the Importance of Controls in the Water Industry	Luis Casado , Gannett Fleming - Smart Human and its Machines: Smart Water Utility Improvement with AI, GIS Data Analysis, and Digital Technology
9:30-10:00	Calcino Rozario , HDR - SCADA System Upgrades - Drivers, Planning and Opportunities	Kevin Flis , Xylem - Intelligent Networks - High Quality Water from Source to Tap
10:00 - 10:30 BREAK		
10:30 - 11:00	Jessica Hou , Gannett Fleming - How Intelligent Do We Really Want our Water to Be?	Ben Stanford , Hazen & Sawyer - Managing Risk & Visualizing Data Across The Organization: An Enterprise GIS-BIM-BI Implementation
11:00 - 12:00	James Schultz , HDR - Operational Technology (OT) Cybersecurity Guiding Principles	Gary Sanders , Edmund Gov Tech - Improving Revenue Collections for Utilities
12:00 - 1:00 Lunch Break - Talk to Vendors		
PM	TRACK #1 -Lead and PFAS	TRACK #2 -Pumping Systems
1:00 - 1:30	John Civardi , Mott MacDonald - Lead has a beautiful profile.	Juan Gamarra , Specific Energy - Flying Blind No More: Using Edge Analytics to Improve Pump Performance
1:30 - 2:00	Lisa J. Derrigan , GHD - Buffalo's Journey for Lead Safe Drinking Water	Juan Gamarra , Specific Energy - Flying Blind No More: Using Edge Analytics to Improve Pump Performance
2:00 - 2:30 BREAK		
2:30 - 3:00	Chad Corey , HDR - PFAS: Treatment Alternatives & Decision-Making Guidance	Jonathan Morris , GHD - Case Study: Aqua Pennsylvania's Eagle Rock Booster Station & Tank
3:00 - 3:30	Ina Robinson , BlueConduit - Case Studies of Using Statistics & Machine Learning to Inventory & Locate Lead Service Lines	Adam Arnold , HDR - Using Physical Modeling to Identify Solutions to Solve Recurring Pump Operational Issues
3:30 - 4:00	Ron Milke , Eurofins Eaton Analytical - PFAS Compliance Analysis: EPA 537.1 and 533 Differences, Challenges & Solutions	Paul Sagues , XIO, Inc. - The Dynamic Pump Sequencing - Optimizing Energy Efficiency
Wednesday, May 26, 2021		
AM	TRACK #1 Utility Management	TRACK #2 Water Quality & Treatment
9:00-9:30	Caleb Sprague , Fontus Blue - Optimized Treatment Operations & Management During a Pandemic	Kernal Niksic , Mott McDonald - What's in Your Water - A Guide to Optimize Distribution System Water Quality
9:30-10:00	Jason Wert , KET LEW - Expanding the Use of Drinking Water Reservoirs: Floating Solar to Supplement Plant Operations	Matt Seeker , Water Service Professionals - Filter Evaluation Requirements & Activities
10:00 - 10:30 BREAK		
10:30 - 11:00	Nathan Walker , Gannett Fleming - Storm water Authorities- What It Could Mean for Your Community	Ryan Warren , Swan Analytical - Chemistry of Chlorine & Chlorine Monitoring
11:00 - 11:30	Mark McKoy , Aqua America - Challenges of COVID in the Water Sector	Tom Caulfield , USGI Solutions - Chloramine Disinfectant Residual Management in Distribution Systems
12:00 - 1:00 Lunch Break - Talk to Vendors		
11:30 - 12:00	Todd Duerr , Aqua America - Challenges of COVID in the Water Sector	Derek Harzinski , Mott MacDonald - Lighten Up Your Treatment - A Review of Two UV AOP Systems That Have Been in Operation for 9 Years
PM	TRACK #1 Distribution/Storage	TRACK #2 Contracting/Construction
1:00 - 1:30	Barry Spiegel , McCrometer - Using an Insertion Flow Meter as an Aid in Water Loss Detection	Nick Lewis , Gannett Fleming - Designed, Bid. Built: Considerations from the Contractor & Consultant on the Clinton Zone Transmission Main
1:30 - 2:00	Sean Cleary , IAPMO - Backflow Protection & Cross-Connection Control for Water Systems	Jason Davenport , GHD - The Sky is Falling: Morningside Reservoir Roof Collapse
2:00 - 2:30 BREAK		
2:30 - 3:00	Matthew D. Cichy , Herbert, Rowland & Grubic - Rehabilitation of an 1880s Water Main	Michael Bisigani , GHD - Keys to Making Your HDD Crossing a Success !!!
3:00 - 3:30	Bill Bohner , ARRO - Meeting the Demand: Hydraulic Modeling to Maintain and Improve Municipally-Owned Small Water Distribution Systems	Jeffrey Stamm , Gannett Fleming - Herring Run Trail Emergency Repair - Saving the Trail
3:30 - 4:00	Christine Gunsaulus , Entech Engineering - Tips & Tricks the Tankies WANT You to Know	Edward Spayd , Herbert, Rowland & Grubic - Finding the Right Disinfection Strategy to Comply With LT2: A Case Study of 2 WTPs

