

## 2021 PA-AWWA AND DBIA VIRTUAL CONFERENCE TECHNICAL SESSIONS

TUESDAY, MAY 25, 2021			
AM	TRACK #1 Cybersecurity/SCADA	TRACK #2 Data Management	TRACK #3 DBIA
9:00-9:30	<b>Heather Heltzinger</b> , Keystone Engineering Group - What is SCADA? A Guide to the Importance of Controls in the Water Industry	<b>Luis Casado</b> , Gannett Fleming - Smart Human and its Machines: Smart Water Utility Improvement with AI, GIS Data Analysis, and Digital Technology	<b>Jeremiah Schmidt</b> , Helen of Troy; Complying with the latest Lead and Copper Rule Revisions.
9:30-10:00	<b>Calcino Rozario</b> , HDR - SCADA System Upgrades - Drivers, Planning and Opportunities	<b>Kevin Flis</b> , Xylem - Intelligent Networks - High Quality Water from Source to Tap	<b>Dan Hack</b> , Voda ai. , Utilizing Artificial intelligence to prioritize water main replacement presentation
<b>10:00 - 10:30 BREAK</b>			
10:30 - 11:00	<b>Jessica Hou</b> , Gannett Fleming - How Intelligent Do We Really Want our Water to Be?	<b>Ben Stanford</b> , Hazen & Sawyer - Managing Risk & Visualizing Data Across The Organization: An Enterprise GIS-BIM-BI Implementation	<b>Sharon Del Signore and Tim Zahren</b> , EAP Industries and Neptune Technology, Ultrasonic Water Meters & Updates on Cloud based software
11:00 - 12:00	<b>James Schultz</b> , HDR - Operational Technology (OT) Cybersecurity Guiding Principles	<b>Gary Sanders</b> , Edmund Gov Tech - Improving Revenue Collections for Utilities	<b>Greg Frey</b> , Ferguson Water Works, Remote Disconnect Meter Technology
<b>12:00 - 1:00 LUNCH BREAK: PA-AWWA Awards Presentation and Vendor Visits</b>			

<b>PM</b>	<b>TRACK #1 Lead and PFAS</b>	<b>TRACK #2 Pumping Systems</b>	<b>TRACK #3 DBIA</b>
<b>1:00 - 1:30</b>	<b>Lisa J. Derrigan</b> , GHD and <b>Peter Merlo</b> , City of Buffalo-Buffalo's Journey for Lead Safe Drinking Water	<b>Juan Gamarra</b> , Specific Energy - Flying Blind No More: Using Edge Analytics to Improve Pump Performance	<b>Dave Beinetti and Ron Maier</b> , DBIA; DBIA Overview of Water and Wastewater Projects and Other Projects Part 1
<b>1:30 - 2:00</b>	<b>John Civardi</b> , Mott MacDonald - Lead has a beautiful profile.	<b>Juan Gamarra</b> , Specific Energy - Flying Blind No More: Using Edge Analytics to Improve Pump Performance	<b>Dave Beinetti and Ron Maier</b> , DBIA; DBIA Overview of Water and Wastewater Projects and Other Projects Part 2
<b>2:00 - 2:30 BREAK</b>			
<b>2:30 - 3:00</b>	<b>Chad Corey</b> , HDR - PFAS: Treatment Alternatives & Decision-Making Guidance	<b>Jonathan Morris</b> , GHD - Case Study: Aqua Pennsylvania's Eagle Rock Booster Station & Tank	<b>Robert McIntyre</b> , Stone Hill Contract Co.,Inc., DBIA, Using Teamwork to Overcome Obstacles; New Jersey District Water Supply Project
<b>3:00 - 3:30</b>	<b>Ian Robinson</b> , BlueConduit - Case Studies of Using Statistics & Machine Learning to Inventory & Locate Lead Service Lines	<b>Adam Arnold</b> , HDR - Using Physical Modeling to Identify Solutions to Solve Recurring Pump Operational Issues	<b>Micah Sayles</b> , DBIA, Special Inspection, Procurement and Design Build for Water and Wastewater and Other Project Part 1
<b>3:30 - 4:00</b>	<b>Ron Milke</b> , Eurofins Eaton Analytical - PFAS Compliance Analysis: EPA 537.1 and 533 Differences, Challenges & Solutions	<b>Paul Sagues</b> , XIO, Inc. - The Dynamic Pump Sequencing - Optimizing Energy Efficiency	<b>Micah Sayles</b> , DBIA, Special Inspection, Procurement and Design Build for Water and Wastewater and Other Project Part 2

**WEDNESDAY, MAY 26, 2021**

<b>AM</b>	<b>TRACK #1 Utility Management</b>	<b>TRACK #2 Water Quality &amp; Treatment</b>	<b>TRACK #3 DBIA</b>
<b>9:00-9:30</b>	<b>Caleb Sprague</b> , Fontus Blue - Optimized Treatment Operations & Management During a Pandemic	<b>Kernal Niksic</b> , Mott McDonald - What's in Your Water - A Guide to Optimize Distribution System Water Quality	<b>Matt Junker</b> , Municipal Authority of Westmoreland Co., Trending in an Instant; Crisis Communication for Water Utilities
<b>9:30-10:00</b>	<b>Jason Wert</b> , RETTEW - Expanding the Use of Drinking Water Reservoirs: Floating Solar to Supplement Plant Operations	<b>Matt Seeker</b> , Water Service Professionals - Filter Evaluation Requirements & Activities	<b>Mandy Arnold</b> , Gavin ; Responding to Media and Managing Inquiries
<b>10:00 - 10:30 BREAK</b>			
<b>10:30 - 11:00</b>	<b>Nathan Walker</b> , Gannett Fleming - Storm water Authorities-What It Could Mean for Your Community	<b>Ryan Warren</b> , Swan Analytical - Chemistry of Chlorine & Chlorine Monitoring	<b>Mike McGill</b> , WaterPIO ; Preparing Your Public Communications for the Revised Lead & Copper Rule
<b>11:00 - 11:30</b>	<b>Mark McKoy</b> , Aqua America - Challenges of COVID in the Water Sector Part 1	<b>Tom Caulfield</b> , USGI Solutions - Chloramine Disinfectant Residual Management in Distribution Systems	<b>Sri Vedachalam</b> , Environmental Policy Innovation Center; Simple and Effective Water Quality Communication Strategies Part 1
<b>11:30 - 12:00</b>	<b>Todd Duerr</b> , Aqua America - Challenges of COVID in the Water Sector Part 2	<b>Derek Harzinski</b> , Mott MacDonald - Lighten Up Your Treatment - A Review of Two UV AOP Systems That Have Been in Operation for 9 Years	<b>Sri Vedachalam</b> , Environmental Policy Innovation Center; Simple and Effective Water Quality Communication Strategies Part 2
<b>12:00 - 1:00</b>	<b>LUNCH BREAK: YP Poster Contest, Partnership for Safe Water Awards and Vendor Visits</b>		

<b>PM</b>	<b>TRACK #1 Distribution/Storage</b>	<b>TRACK #2 Contracting/Construction</b>	<b>TRACK #3 DBIA</b>
<b>1:00 - 1:30</b>	<b>Barry Spiegel</b> , McCrometer - Using an Insertion Flow Meter as an Aid in Water Loss Detection	<b>Nick Lewis</b> , Gannett Fleming - Designed, Bid. Built: Considerations from the Contractor & Consultant on the Clinton Zone Transmission Main	<b>Rich Atoulikian</b> , HDR, Mainstream Alternative Delivery for America's Water and Wastewater Infrastructure Part 1
<b>1:30 - 2:00</b>	<b>Sean Cleary</b> , IAPMO - Backflow Protection & Cross-Connection Control for Water Systems	<b>Jason Davenport</b> , GHD - The Sky is Falling: Morningside Reservoir Roof Collapse	<b>Rich Atoulikian</b> , HDR, Mainstream Alternative Delivery for America's Water and Wastewater Infrastructure Part 2
<b>2:00 - 2:30 BREAK</b>			
<b>2:30 - 3:00</b>	<b>Matthew D. Cichy</b> , Herbert, Rowland & Grubic - Rehabilitation of an 1880s Water Main	<b>Michael Bisigani</b> , GHD - Keys to Making Your HDD Crossing a Success !!!	<b>Pat Rogers</b> , DBIA, Case Study: Design Build in Action for Water and Wastewater and Other Projects
<b>3:00 - 3:30</b>	<b>Bill Bohner</b> , ARRO - Meeting the Demand: Hydraulic Modeling to Maintain and Improve Municipally-Owned Small Water Distribution Systems	<b>Jeffrey Stamm</b> , Gannett Fleming - Herring Run Trail Emergency Repair - Saving the Trail	<b>Robert Scancelli</b> , DBIA, Case Study of Project Management, The Goethals Bridge Replacement Project and Other Water Projects Part 1
<b>3:30 - 4:00</b>	<b>Christine Gunsaulus</b> , Entech Engineering - Tips & Tricks the Tankies WANT You to Know	<b>Edward Spayd</b> , Herbert, Rowland & Grubic - Finding the Right Disinfection Strategy to Comply With LT2: A Case Study of 2 WTPs	<b>Robert Scancelli</b> , DBIA, Case Study of Project Management, The Goethals Bridge Replacement Project and Other Water Projects Part 2