



Exhibitor Exclusive: Technology Spotlight Call for Presentations

DEADLINE TO SUBMIT: February 21, 2023
CONFERENCE DATES: June 27-30, 2023
SUBMIT ONLINE: www.wef.org/CollectionSystems

Important Information: If accepted, presenter(s) will need to work with the Conference Committee to develop presentation content and must abide by the set deadlines to provide materials and input. **Presenter(s) agree to pay all expenses relating to contracting a booth on the exhibit floor as well as conference registration and travel.**

Technology Spotlight Background Information

This will be the eighth annual technology spotlight (previously mobile session) held at the Collection Systems 2023 conference in Kansas City, Missouri. These sessions bring attendees directly to exhibitor booths for topic-focused discussions that allow presenters to showcase products and services in technical and educational presentations combined with equipment or hands-on visuals. This session is open to any exhibitor who can address the subject matter.

Presenters are expected to give up to three 20-minute presentations back-to back simultaneously with up to 4 other exhibitors.

Presentation Content Guidelines and Suggestions

These sessions are meant to be the anti-PowerPoint learning opportunity. The intent is to provide a hands-on experience focusing on face-to-face exchanges between vendors, operators, and engineers.

Technology Spotlight - The presenters should highlight, from their perspective, what works and doesn't work for the individual technology they are describing. For example, they should discuss items such as the ideal application, size limitations (diameter and distance), calculations, suitability for various levels of host pipe imperfections, design life, suitability for partial and full structural support, tolerance of active infiltration, requirements for bypassing of flow, adaptability to non-circular pipes, and cost for installation, etc. Each presenter should be prepared to develop specific topics of interest based on the request of the Conference Steering Committee. Presenters are encouraged to use the props and product samples within their exhibition booth to make technical points. These presentations are technology discussions, not product or proprietary pitches. Presentations will be scrutinized for overt marketing during draft presentation review.

Emerging Topics and Technologies Session - This session will allow exhibitors to highlight their new and innovative product or service and present its benefits to the collection system community. Presenters should provide information their product or technology and its applications. This session will be less structured and allow presenters to showcase new technologies.

Criteria for Selection

The Specialty Conference Committee will review all submissions and develop the final program for the 2023 Technology Spotlight and Emerging Topics and Technologies Session. Submitters will be notified of their involvement in each program. Selected presenters will need to abide by the Specialty Conference Committee's timeline for content development and conference registration and exhibition deadlines.

Schedule of 2023 Technology Spotlight in Kansas City

Each participating exhibitor will present up to 3 times in-a-row over a max 80-minute session. The committee's goal is to have 5 presentations during each of the 3 time slots, so attendees must pick the top 3 presentations most important to them. Facilitators (i.e. pot-stirrers) will be selected specifically by the Conference Committee to encourage lively discussion and debate. Presenters must be technically proficient to handle very challenging questions and adjust presentations to the interest of the participants.

Interested in Exhibiting at Collection Systems 2023?
Contact: Nic Christy at nchristy@wef.org or +44 7899.927.926

WEF Collection Systems 2023 Conference

Examples from Past Specialty Conference Technology Spotlights

2022 Technology Spotlights

Technical Presentations:

- Why Clean Clean Pipes? How to use Acoustic Inspection to Enable a Condition-Based Collection System Maintenance Protocol
- The Next Generation in Manhole and Vertical Chamber Assessment Technologies
- Selecting the Proper Flow Measurement Location and Sensor for your Collection System
- Mitigating Risks in Collection Systems Design Using Progressive Cavity Grinder Pumps

Emerging Technologies Presentations:

- Sampling for Wastewater Based Epidemiology. Selection of type of sampler and sampling methodology based on purpose and location.
- Killing Two Birds With One Stone - The role of magnesium hydroxide in odor control
- Eliminating FOG and Odor in the Collection System
- How a Pump Modification Bridged a Gap Between Costly FOG/Scum Problems in Lift Stations

2021 Virtual Company Demos

Due to the conference being held fully virtually, Company Demos were held instead of the traditional mobile sessions.

2020 Virtual Mobile Session

Technical Presentations:

- Tools and Technics for Injection Grouting to stop Groundwater Infiltration in Municipal Sewers
- Inspecting More to Clean Better: How to Focus Collection System Resources with Acoustic Inspection Technology
- Precision I&I Micro Detection

Emerging Technologies Presentations:

- Using Machine Learning to Automate QA/QC on Large Data Sets
- Improving Small Wastewater Stations with Advance Controls
- Nautilus System: Innovative, Efficient and Cost-Effective Solution for Gas Pocket Detection in Large Diameter Pressure Pipelines
- Acquiring Needed Expertise: How to Assimilate and Analyze Mountains of Data

2019 Mobile Session

Technical Presentations:

- How Acoustic Inspection Helps Utilities Develop a Proactive Collections Maintenance Program
- Starting Upstream: Utilizing the Collection System Bioreactor to Enhance WWTP Performance
- Non-Contact LaserFlow Area Velocity Flow Technology
- Using Machine Learning to Continuously Monitor I/I and Collection System Wet Weather Response
- Wastewater Pumps with Integrated Intelligence - The Next Pump Industry Breakthrough

Emerging Technologies Presentations:

- A New Generation of Monitors Drives Informed, Actionable Decision Impacting Operations, Prioritizing CIP
- Get Smart: Real Time Decision Support Systems Significantly Reduce LTCP Expenditures
- The Future of Sewer Assessment
- Advanced Robotic Inspection: A Better View Inside Your Pipes

2018 Mobile Session

Technical Presentations:

- Utilizing Focused Electrode Leak Locating (FELL) to Certify CIPP Liner Watertightness
- Flow Monitoring Fundamentals -- an Overview of Technologies and Their Applications
- Trenchless, Mechanical Point Repair for Cost-Effective Rehabilitation
- O&M Considerations for Pressure Sewer Systems
- Geospray Geopolymer Mortar System for Structural Rehabilitation of Storm and Sewer Pipe Infrastructure

Emerging Technologies Presentations:

- FloWav Solutions Let You Monitor Top To Bottom - Learn How RADAR and The Raven Eye Can Help
- Transient Technology for Non-Invasive Pipe Condition Assessment
- Utilizing Acoustic Inspection to Prioritize Sewer Cleaning
- The Value of Manhole Inspection as Part of Regular Sewer Inspection
- Advanced Liquid Phase Odor Control and Monitoring