

CAROLLO ENGINEERS – TECHNICAL PRESENTATIONS

ACE 2023 – TORONTO, ON, CANADA

MONDAY, JUNE 12

- 2:50 pm **Developing a Mitigation Plan** (MON05a-02)
Speaker: Sarah Deslauriers
- 3:45 pm **Using an EPS Calibrated Model in Concert with Distribution System Water Quality and Operations Management** (MON12b-04) *Speaker: Natalie Reilly*
- 4:00 pm **Flanged Up: How Houston Prepared Transmission and Distribution Systems for Receiving 320 MGD from the Expansion to the NEWPP** (MON08-05) *Speaker: Paul Walker*
- 4:30 pm **Sarasota County, FL—Upgrading SCADA and Leveraging Dashboards, KPIs, and Actionable Intelligence** (MON20-06) *Speaker: Richard DeFreitas*

TUESDAY, JUNE 13

- 9:00 am **From North to South and Urban to Rural, Quantifying California Water Service’s Resilience to Climate Change** (TUE04-02) *Speaker: Rachel Duncan*
- 9:30 am **Digital Twin for Houston’s 320 MGD NEWPP Expansion Plant: An Operations and Management Perspective** (TUE11-03) *Speakers: Qianru Deng, Jasmin Zambrano, City of Houston*
- 2:00 pm **Assessment of Vulnerability of Source Waters to Toxic Cyanobacterial Outbreaks – WRF 5080** (TUE25-02) *Speaker: Thomas Gillogly*
- 2:00 pm **There’s No ‘Auto-pilot’ in Pilot Testing: Innovative Case Studies Help Bridge the Reuse Gap Between Water and Wastewater Treatment** (TUE42-04) *Speaker: Melanie Pickett*
- 2:15 pm **Implementing UV Disinfection at Maui’s Mahinahina WTF – Challenges and Solutions** (TUE33-02)
Speaker: Mark Heath
- 3:30 pm **Impact of Pre-chlorination and GAC Treatment on DBP Formation and Overall Toxicity in Drinking Water (WRF 5140)** (TUE48-02) *Speaker: Caroline Russell*

TUESDAY, JUNE 13

- 9:00 am **UV LED Reactor Validation for Municipal Applications** (WED09-01)
Speaker: Mark Heath
- 10:00 am **(DT) Can I Trust that Black Box? – Enhancing the Water Digital Twin Using Machine Learning** (PST03-01)
Speaker: Wen Zhao
- 10:15 am **Biological Roughing Filters for T&O Control: From Concept to Full-Scale Operation** (WED17b-03)
Speaker: Jennifer Nyfennegger
- 10:30 am **Rethinking Ion Exchange: Keep Your Grain of Salt, We Need Bicarbonate Regeneration** (WED08-04)
Speaker: Melanie Pickett
- 2:30 pm **Austin Water’s Cyanotoxin Monitoring and Response Plan: A Proactive Approach to Safeguard Public Health** (WED32-03) *Speaker: Curtis Feronti*
- 3:30 pm **Hitting the Mark on Benchmarking: A Decade of Performance Measurement in Lee County, Florida** (WED41-03)
Speaker: Nicole Cohen
- 3:45 pm **Using a Hydraulic Model to Evaluate Water Quality Impacts from a New Regional Water Supply Source** (WED25b-06)
Speaker: Matt Huang

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