

Tuesday, August 27, 2019

Morning Technical Sessions

Session 1 – Ozone Design and Operation

Room: TBD Moderator: TBD

Start	End	Title, Author(s), Affiliation(s)
10:30	11:00	Designing a 320-MGD Ozone Disinfection System for Houston's Northeast Water Purification Plant Chris Schulz (CDM Smith); Daniel Bond
11:00	11:30	Improving Ozone Systems at Two East Bay Municipal Utility District WTPs Ron Joost (Carollo); Ali Sheikholeslami (EBMUD); Michael Hartlaub (EBMUD)
11:30	12:00	Using Ozone and Turbidity Optimization to Achieve Additional 1-log Cryptosporidium Inactivation/Removal Glenn Hunter (Process Applications Inc); Jennifer Bunton (Process Applications Inc); Wendy Simon (Passaic Valley Water Commission)

Session 2 - Reuse and Contaminants

Room: TBD Moderator: TBD

Start	End	Title, Author(s), Affiliation(s)
10:30	11:00	Overcoming Challenges in Ozone-Biofiltration Treatment Systems for IPR Applications Vijay Sundaram (Stantec, University of Nevada Reno)
11:00	11:30	The 4th Treatment Step – Our Way to Reuse in Europe? Jens Scheideler (Xylem Inc.); Achim Ried (Xylem)
11:30	12:00	Simultaneous Ozone and Granular Activated Carbon Treatment of Micropollutants during Potable Reuse of Municipal Wastewater Effluent Hooman Vatankhah (Montrose Environmental Group); Christopher Bellona, Oscar Quinones, Eric R.V. Dickenson

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Afternoon Technical Sessions

Session 3 – Ozone Applications in Georgia

Room: TBD Moderator: TBD

Start	End	Title, Author(s), Affiliation(s)
1:30	2:00	Ozone for Indirect Potable Reuse in Gwinnett County, Georgia Denise Funk (Gwinnett County Department of Water Resources); Justin Garmon; David Atkins
2:00	2:30	Ozone Treatment of Large Water System: Operating Experiences with Aging Equipment Dora De Taboada, John A. Patterson (DeKalb County Department of Watershed Management); Michael Diaz (Arcadis)
2:30	3:00	Ozone at the Georgia Aquarium Alan Grosse (Georgia Aquarium); Parker Ivey

Session 4 – Biofiltration

Room: TBD Moderator: TBD

Start	End	Title, Author(s), Affiliation(s)
1:30	2:00	Monitoring Activity and Diversity of Microbial Communities Found in Ozone Biofiltration Systems Christina Alito (HDR); Jennifer Hooper (CDM Smith); Chance Lauderdale (HDR)
2:00	2:30	Recent Advances in Biological Filtration Monitoring Jennifer Hooper (CDM Smith); Chance Lauderdale (HDR); Christina Alito (HDR); Kyle Vickstrom (CDM Smith); Patrick Evans (CDM Smith); Lauren Weinrich (American Water)
2:30	3:00	Simultaneous Optimization of Ozone-Biofiltration Systems Michael McKie (University of Toronto); John Armour (Peterborough Utilities Group); Susan Andrews (University of Toronto), Robert Andrews (University of Toronto), Liz Taylor-Edmonds

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Session 5 – Round Table Discussions and Poster Session
Room: TBD Moderator: Barbara Schilling (SUEZ)

Start	End	Title, Author(s), Affiliation(s)
3:45	5:15	Poster – In-Package Ozone Treatments of Raw Chicken Breast Meat Hong Zhuang (USDA-ARS); Brian Bowker; Michael Rothrock; Kelli Hiett; Kurt Lawrence; Gary Gamble; Kevin Keener
		Poster - Blue Acid 74 IC Removal by Means of Cheap Porous Material Assisted with Ozone Octavio Trejo-Chavero (Tecnologico de Estudios Superiores de Coacalco, Tesco); Maria Teresa Torres Mancera; Cecilia Mercado Zuniga; Raquel E. Hernandez Sanchez
		RT#1 – Pharma Systems and Model (Take one a day and call me in the morning) Joe Manfredi (GMP Systems)
		RT#2 – Swimming Pool Systems (I’m drowning, will ozone make me more buoyant?) Cameron Tapp (Clearwater Tech)
		RT#3 – Ozone Measurement (How can I make sure it’s there?) France Meder (Teledyne)
		RT#4 – Ozone Use in Dentistry (How to do your own root canal) Phil Mollica (Mollica Dentistry)
		RT#5 – Ozone and Food Safety (Does ozone provide your minimum daily vitamin requirement?) John Overby (Ozone Water Systems)
		More Round Table Discussions to Be Announced!!
