



American Membrane Technology Association

1973-2023 | 50 YEARS

Beyond the Surface: Exploring Membrane Water Treatment and Solving PFAS

RACINE, WI

MAY 8-9, 2024

THANK YOU BENEFACTOR SPONSORS



TUESDAY, MAY 7, 2024

3:00 - 5:00 pm Exhibitor Set-Up and Registration Open

WEDNESDAY, MAY 8, 2024

8:15 am **Introduction and Opening Remarks**
Gregory Madden, H₂O Innovation

SESSION 1 - MEMBRANE BASICS

Moderator: *Gregory Madden, H₂O Innovation*

Time: 8:30 am - 12:00 pm

8:30 am **Water Chemistry for RO/NF Membrane Systems**
Tom Imbornone, Avista Technologies

9:00 am **Basics of MF/UF**
Sue Guibert, Toray Membrane USA

9:30 am **Demystifying Ceramic Membrane Filtration: What You Need to Know**
Brent Alspach, Arcadis

10:00 am **Networking Break**

10:30 am **Universal Flexible Low Pressure Membrane Design and Operations Considerations**
Bobby Lebens, H₂O Innovation

11:00 am **Operator Round Table**
Mehul Patel, Orange County Water District
Art Ruiz, El Paso Water
Jill Miller, City of Bozeman

noon **Lunch**

SESSION 2 - Facility Tour

Moderator: *Greg Madden, H₂O Innovation*

Time: 1:00 - 3:00 pm

1:00 pm **Facility Overview - Racine Water Utility**
Joel Brunner, Racine Water Utility

1:30 pm **Load Bus**

1:45 pm **Travel to Racine Water Utility**

2:00 pm **Tour Racine Water Utility Plant**

3:30 pm **Travel to Hotel**

3:45 pm **Arrive back at Hotel**

4:00 - 6:00 pm **Networking Event - Hotel Verdant Rooftop Restaurant**

THURSDAY, MAY 9, 2023

SESSION 3 - OTHER MEMBRANE TOPICS

Moderator: *Paul Biscardi, Hazen and Sawyer*

Time: 8:30 am - 12:00 pm

- 8:30 am Basics of RO/NF**
John Tonner, American Membrane Technology Association
- 9:00 am Use of Membrane Technology for PFAS Removal**
Paul Biscardi, Hazen and Sawyer
- 9:30 am PFAS & Membranes: What is the Impact of PVDF on the Future?**
Sean Carter, Toray Membrane USA
- 10:00 am Networking Break**
- 10:30 am Dealing with PFAS Using Ion Exchange**
Joey Tippett, Lanxess
- 11:00 am PFAS Removal with Hollow-Fiber Membranes**
- 11:30 am Research into Novel PFAS Treatment**
Melvin Samuel Samuel Jayakumar, Marquette University

noon Lunch

SESSION 4 - PFAS

Moderator: *Paul Biscardi, Hazen and Sawyer*

Time: 1:00 - 2:45 pm

- 1:00 pm Emerging No More: A Quick-Start Guide to the Final PFAS Rule**
Samantha Black, HDR, Inc.
- 1:30 pm PVDF Panel Discussion**
Brent Alspach, Arcadis
John Nichols, Brunswick County Public Utilities
Sean Carter, Toray Membrane USA
Jason Diamond, Veolia Water Technologies and Solutions
- 2:30 pm Workshop Wrap-Up**
Paul Biscardi, Hazen and Sawyer

3:30 - 7:00 AMTA Board Meeting

HOTEL

HOTEL VERDANT

500 Hubbard St.
Racine, WI 53402

The hotel block is now closed. You can still try and reserve directly with the hotel. Please call the hotel directly at 262-456-6851.