

2024 OWWA Treatment Seminar:
**Innovation at the Edge: Leveraging Cutting-Edge Technology for Next
Generation Drinking Water Systems**

Presented by the OWWA Treatment Committee

Thursday, March 21, 2024

Mississauga Grand Banquet and Event Centre
35 Brunel Road, Mississauga ON, L4Z 3E8

- 8:30 am Registration and Continental Breakfast**
- 9:00 am Opening Remarks**
- 9:15 am Regulatory Updates**
Sylvain Campbell, Ministry of the Environment, Conservation & Parks
- 9:40 am Filter Health Monitoring: Exploring Traditional Metrics with “New” Technologies**
Jed Rode, City of Ottawa
- 10:20 am Networking Break**
- 10:40 am Harnessing the Power of AI for Drinking Water Applications**
Dr. Usman T Khan, Lassonde School of Engineering - York University
- 11:10 am Using the Lake Ontario Water Quality Forecasting System to Support Response During Unusual Water Quality Events**
Liza Ballantyne, City of Toronto & Tavis Nimmo, Durham Region
- 11:45 am Breakout Session: Leveraging and Implementing New Technologies - Challenges and Opportunities**
OWWA Treatment Committee
- 12:00 pm Lunch**
- 1:00pm Microplastic Occurrence and Removal During Drinking Water Treatment in Ontario**
Dr. Robert Andrews, Drinking Water Research Group - University of Toronto
- 1:30 pm Next Generation Cutting Edge Technology - Research Review:**
- Cyanobacteria Monitoring and Control - Menna Alnahas, University of Toronto
 - DDPs and Microplastics - Livia Li, University of Toronto
 - UV/Chlorine Advanced Oxidation - Reece Lima-Thompson, York University
- 2:00 pm Networking Break**
- 2:20 pm Securing the Flow: Protecting Drinking Water from Cybersecurity Threats**
Derek Bender, Eramosa Engineering Inc. - A CIMA+ Company
- 2:50 pm Speaker Panel Discussion**
- 3:25 pm Closing Remarks**



REGISTRATION CAN BE FOUND ONLINE AT:
<https://owwa.ca/events/index.html/event-info/details/id/171>

Registration:

- OWWA Members: \$119 (+HST)
- Non-Members*: \$239 (+HST)
- OWWA Young Professional: \$79 (+HST)
- OWWA Student Member: \$49 (+HST)

HST number: # R122057458

*Non-member rate is member regular rate + 50% of annual AWWA/OWWA membership. Registering at the non-member rate for two OWWA Seminars in the same calendar year entitles the attendee to an AWWA/OWWA Membership.

Seminar Location:

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35 Brunel Road, Mississauga On L4Z 3E8

·Questions regarding registration should be directed to the OWWA office at (416) 231-1555 or waterinfo@owwa.ca.

·Attendance is by advance registration only.

·Seminar participants may be eligible to receive CEUs upon attending. Please provide your WWOCS number on the registration form.

·Breakfast, lunch, and refreshments are provided as part of the registration fee. Please provide any dietary restrictions on the registration form.

·Cancellation requests must be made in writing and sent to the OWWA office via email. **Telephone cancellations will not be accepted.** All cancellations emailed dated up to and including one week before the seminar will be refunded, minus a \$20 processing fee. Refunds will not be issued for cancellations received after this date.

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