

**Canadian Water Technologies Ltd.**  
**Is Pleased to Present an Educational Seminar With**  
**DOW® Water & Process Solutions , Avista Technologies**  
**and ETO Engineering**

**Membranes: A  
 Guide to Design  
 and Operation**

**October 21-22 8:30 AM - 04:30 PM**  
**Sawridge Hotel**  
**530 MacKenzie Boulevard Fort McMurray**

**Seminar Includes Hot Lunch**



Water & Process Solutions



**Avista®**  
 TECHNOLOGIES



*High Purity Water Treatment Systems*  
**CANADIAN WATER TECHNOLOGIES LTD**

*Creative Chemistry. Smart Solutions.*



**ETO  
 Engineering**  
*Engineering & Process Specialist*

**Presenters:**

**Andrea Lima**  
**Denise Haukkala**

**North American Technical Service Specialist DOW® UF  
 Technical Service Specialist with DOW®, FILMTEC™ RO and NF  
 Elements**

**Ken Robinson**  
**Hailin Wang, P.Eng**  
**Wayne Dyck**  
**Anne Bridgman, P.Eng**

**Regional Applications and Sales Manager, Avista Technologies**  
**Managing Director, ETO Engineering**  
**President Canadian Water Technologies Ltd**  
**Water Process Engineer with Canadian Water Technologies Ltd**

Please Make Cheques Payable To:  
 Canadian Water Technologies Ltd.  
 4357 - 54th Ave SE  
 Calgary, AB T2C 2A2

Name \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

Cost of Registration is:

- 2-Day Oct 21 and 22 \$270.00 GST Inc.
- 1- Day Oct 21 \$135.00 GST Inc.
- 1-Day Oct 22 \$135.00 GST Inc.
- Please Charge the Following Credit Card:

Card Number \_\_\_\_\_

Expiry \_\_\_\_\_

Fax: (403) 509-1569  
 Email: [admin.cwt@cwtcalgary.com](mailto:admin.cwt@cwtcalgary.com)

## Agenda October 21, 2014

<b>Start Time</b>		<b>Presenter</b>
7:30 -8:30	<i>Registration</i>	
8:30 am	Welcome and Introductions	W Dyck
8:45 am	Introduction to Membrane Treatment	A Bridgman
9:45 am	A Guide to Ultrafiltration Membranes – How Are They Made?	Andrea Lima
10:30 am	<i>Break</i>	
10:45 am	A Guide to Ultrafiltration Membranes – Where and How Should You Ap-	Andrea Lima
12:00 am	<i>Lunch (provided)</i>	
1:00 pm	Optimizing RO Performance	K Robinson
2:30 pm	<i>Break</i>	
2:45 pm	RO Troubleshooting and Design	D Haukkala
4:30 pm	<i>Adjourn</i>	

## Agenda October 22, 2014

<b>Start Time</b>		<b>Presenter</b>
8:00-8:30 am	<i>Registration</i>	
8:30 am	Introduction to Membrane Biological Reactor (MBR) Systems	Hailin Wang
10:30 am	<i>Break</i>	
11:15 am	Operation and Troubleshooting of MBR Systems	Hailin Wang
12:00 am	<i>Lunch (provided)</i>	
1:30 pm	The Nuts and Bolts of Operating NF/RO Systems	D Haukkala
2:30 pm	<i>Break</i>	
3:15 pm	How Membrane System Design Contributes to Operational Issues	K Robinson
4:30 pm	<i>Adjourn</i>	