

Building Wellness & Efficiency

Dates: Aug 22 <u>or</u> 23rd, 2018

Where: O'Dell Training Centre

225 Bathurst Dr., Unit A

Waterloo, ON

Schedule

7:30am - Registration & Breakfast

8:15am - 12:30 - Seminars

12:30pm - Lunch



Seminar Details

8:15 - 9:30 - Atmosair, Bi-Polar Ionization

Presented by: Carlos Gendron

To understand the principles of Bi-Polar Ionization (BPI) in nature, its applications and uses in indoor environments, its benefits to occupants in indoor spaces, as well as its overall benefits in improving indoor air quality and indoor environments.

To learn about how to apply BPI within HVAC design, to leverage its benefits to downsize mechanical equipment wherever possible, within Ventilation Code Requirements, and to reduce a building's energy efficiency and energy footprint.

9:45 – 11:00 – Nortec, Energy Savings in Cooling and Humidification through Evaporation Presented by: Chris Habets, P.Eng., CEA

A look at how we can use evaporative cooling to greatly reduce energy bills in our cold climate. We'll look at the effect on air-side economizers and how to take full advantage of the cooling effect, as well as the massive reduction in energy use when evaporative technologies are properly applied. Applying technology to save energy and improve indoor air quality to make better buildings!

11:15 – 12:30 – enVerid, How ASHRAE 62.1 IAQP Can Reduce HVAC Equipment Cost and Save Energy Presented by: Dr. Israel Biran

The Indoor Air Quality Procedure (IAQP) reduces outside air intake, keeping out polluted air, in addition to providing energy and first cost savings. With people spending 90% of their time indoors, indoor air quality has an enormous impact on health. Studies from Harvard, Berkley Labs, NBER and others, show that reducing carbon dioxide levels can increase occupant performance and productivity.

Learn About:

- 1. When and how to apply ASHRAE 62.1 IAQP
- 2. Building code compliance using IAQP
- 3. Compliance of sorbent based air cleaning technologies for IAQP
- 4. Achieving LEED points with IAQP using sorbent based Air Cleaning technologies









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About the Speakers

Carlos Gendron - Atmosair



Carlos Gendron is a senior sales, marketing and management executive with over 25 years experience in a variety of enterprise and consumer sectors. With several successful VP of Sales (and Marketing) positions, including a division of Campbell Soup - Pepperidge Farm, Pelham Sloane (specialty PC manufacturer) and a top US environmental services company. Website: www.atmosair.com

Chris Habets, P.Eng, CEA - Nortec



Chris Habets is a Professional Engineer with a degree in Sustainable and Renewable Energy Engineering from Carleton University, and is a Certified Energy Auditor through AEE. He has worked at Nortec Humidity since 2013, focusing originally on Product Management before moving into his current role in Energy and Sustainability. He focuses on energy analysis for customers in humidification and cooling, and works with energy professionals to reduce energy use throughout the world. He is a member of the Ottawa ASHRAE chapter and the AEE Canada East chapter, and has presented to other local ASHRAE chapters as well as an ASHRAE supplier webinar and an ASHRAE new product presentation on the topics of humidification and evaporative cooling.

Website: www.humidity.com

Dr. Israel Biran - enVerid



Dr. Israel Biran, Executive Vice President of Sales and Founder at enVerid Systems, is an experienced cleantech and biotechnology executive and entrepreneur. Prior to enVerid, Dr. Biran was the Founder and CEO of Applied Cleantech, a water treatment company with novel technology for recycling waste water solids into alternative energy products including biofuels and electricity. He led the company from the proof of concept stage into product sales in global markets. Before that, Dr. Biran was President and COO of Boston-based Molecular Cytomics Inc. where he successfully commercialized the company's LiveCell Array technology via ThermoFisher Scientific (NYSE: TMO). He holds a PhD in Biotechnology from Tel Aviv University and is the author of numerous patents and scientific papers.

Website: www.enverid.com

Seminar Registration Form

Seminar: O'Dell: Building Wellness & Efficiency

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	Phone:
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Note: Email completed registration form to training@odellassoc.com

