

CHES SCISS

Canadian Healthcare
Engineering Society

Société canadienne d'ingénierie
des services de santé

ONTARIO CHAPTER



CHAPITRE D'ONTARIO

Building Member Expertise

Ontario Chapter Conference and Trade Show

MAY 29-31, 2016



Leading through Change

Bingeman's Conference Centre,
Kitchener, ON

**CONFERENCE
PREVIEW**

General Information

Full Conference

The full conference fee includes admission to all education sessions, the exhibit floor, evening receptions on Sunday and Monday, breakfast and lunches on Monday and Tuesday, and the CHES Ontario Annual General Meeting on Tuesday morning. Register online at www.ches.org

One-Day Attendance

Admittance to all education sessions, the exhibit floor, breakfast and lunch on that day.

Student Delegate

The full conference fee includes admission to all education sessions, the exhibit floor, evening receptions on Sunday and Monday, breakfast and lunches on Monday and Tuesday.

On-Site Check-in

Registration and conference materials will be available upon arrival at the conference registration desk. All registrants with unpaid balances will be asked to pay on site with a cheque or cash prior to admittance to the sessions

Trade Show Hours

Monday, May 30 from 7:30—16:30
Tuesday, May 31 from 7:30—13:30

Companion Program

Advance ticket cost is \$75 +HST. On site cost is \$88.50 +HST Tickets will be available at the registration desk upon arrival. Ticket price includes bus, lunch, admissions and banquet.

Hotel Information

A group block has been reserved for delegates and exhibitors at the Crowne Plaza Hotel, Waterloo. This is the conference hotel but it is not connected to the conference center. The Gala Banquet and all social events will be held here.

Those who wish to reserve accommodation at the Crowne Plaza Hotel are requested to do so by contacting the hotel directly and identifying yourself as a participant at CHES 2016..... Group code "HCC"

Come early! Enjoy the amenities that Kitchener has to offer.

Call the hotel directly:

Crowne Plaza phone toll-free at : 1-877-408-6665
Local, dial : 519-744-4141


Online: Use booking link found on the conference website

Hotel Rates: **\$119 deluxe, \$129 Executive** plus applicable taxes



Thank you to
our Sponsors:



Time	Monday	Tuesday
730	Breakfast with exhibitors	Breakfast with exhibitors
800		
815	Opening remarks: CHES National, Delegate Sponsor, Keynote sponsor	
900	Keynote Speaker 9:00 – 10:00 Honeywell <u>Sunjay Nath</u>	Provincial Meeting 9:00 – 9:45
930	Improving your leadership skills through the 10-80-10 principle. Work on what will give you the best results!	Coffee break
1000	Coffee Break	Speaker 7 <u>Fire Barrier Management</u> Barriers, testing & Technologies Bill McHugh—FCIA
1030	Speaker 1 <u>ASHRAE Std 188-2015</u> How to Develop a Water Safety Plan—Case Study Mark Bertilli B.Sc., Klenzoid Gerald LeMoine—SMGH	Speaker 8 <u>Green Earth Nano Science</u> _ Making green technologies work for you.. Miroslaw Chrzaniecki—GENS Inc.
1100	Speaker 2 <u>Smart Hospitals—System integration, & automation</u> I. Saied—Stantec Eng. Bill Bailey—HHS	Speaker 8 <u>Changes in the Global Energy Landscape—Where is it heading?</u> Ryan Duffy—Blackstone
1130	Time with Exhibitors	Lunch with Exhibitors
1200	Lunch with Exhibitors	Prize Draw
1230		
1300	Speaker 3 <u>Proposed Changes to Medical Gas Std. CSA Z7396.15 for 2017</u> Barry Hunt—Class 1	Closing Remarks
1330	Speaker 4 <u>Benefits of CHP for Healthcare Facilities. Energy security and cost savings</u> Union Gas and CEM	Committee Wrap-up
1400	Coffee Break	<p style="text-align: center;"><i>Official Program Sponsor</i></p> 
1430	Speaker 5 <u>Changes to CSA Z317.2.14 HVAC</u> Apply changes for potential energy savings M. Cammisuli / Panel	
1500	Speaker 6 <u>Refrigerants.—Where is N.America headed?</u> Bill Dietrich—HTS Eng.	
1530	Happy Hour with Exhibitors	
1600		
1630	Free Time	
1700		
1800	Gala Dinner / Entertainment	

Program at-a-glance

Sunday, May 29



Time	Location	Function
8:30 to 9:00	Crowne Plaza Hotel Lobby	Pick up transportation to Grey Silo Golf Club in front of the hotel OR meet us at the Golf Club.
9:00	Grey Silo Golf Club	The annual CHES Golf Tournament. Coffee at 8:30 Lunch served at the turn "Best-ball" format. Shotgun start at 9:15
	 	
16:00 to 20:00	Crowne Plaza Hotel Lobby	Registration: Conference registration and welcome to Kitchener
18:30	Viking Suite—2nd Floor Crowne Plaza Hotel	Welcome reception. Cocktails, hors-d'oeuvres, and music .
21:30		Free time



Diamond Leaders



Monday, May 30

Time	Room	Function
7:00	Exhibit Hall	Breakfast with Exhibitors
8:15	Exhibit Hall	Opening Remarks / Welcome
9:00	Exhibit Hall	Keynote Speaker— Sunjay Nath Improving your leadership skills through the 10-80-10 principle. Work on what will give you the best results!
10:00	Foyer	Coffee Break
10:15	Heritage Room 'A'	ASHRAE Std. 188-2015— Mark Bertilli, Gerald LeMoine How to develop and implement a Water Safety Plan—a case study.
OR	Heritage Room 'C'	Smart Hospital — Saeid Izandpanah, Bill Bailey The further integration of systems automation into hospitals.
11:15	106 Exhibit Hall	Time with exhibitors Lunch with Exhibitors
		
13:00	Heritage Room 'A'	CSA Z7396.15 Medical Gas— Barry Hunt Proposed changes to the 2017 Standard
OR	Heritage Room 'C'	Benefits of CHP for HC— Union Gas and CEM How to benefit from energy security and realize cost savings
		Coffee Break
14:15	Heritage Room 'A'	CSA Z317.2.14 HVAC— M. Cammisuli, J.J. Knott, Panel Discusses how to apply the changes for energy savings.
OR	Heritage Room 'C'	Refrigerants New and Old— Bill Dietrich What's new in refrigerants and how shall we plan for the future.
15:30	106 Exhibit Hall	Happy Hour with Exhibitors - Drinks, Mingling and Magic
16:30		Free Time
18:00	Crowne Plaza Ballroom 2nd Floor	Gala Dinner and Entertainment—
		

Tuesday, May 31

Time	Room	Function
7:00	Exhibit Hall	Breakfast with Exhibitors
9:00	Heritage Room 'A'	CHES Ontario Annual General Meeting. Find out what your Chapter Executive is up to.
9:45	Foyer	Coffee Break
10:00	Heritage Room 'A'	Fire Barrier Management— Bill McHugh <i>FCIA</i> Barriers, testing and technologies
OR	Heritage Room 'C'	Green Earth Nano Science— Mirosław Chrzaniecki Making Green Technologies work for you.
11:00	Heritage Room 'A'	Changing Energy Landscape— Ryan Duffy <i>Blackstone</i> The global view and how it will affect healthcare.
12:00	Exhibit Hall	Lunch and Time with Exhibitors
13:00	Exhibit Hall	Prize Draw, Closing Remarks

Win an i-pad mini

Delegate Raffle

Raffle Rules:

Each exhibitor has been given a limited number of raffle tickets. Claim a raffle ticket by visiting the booths and asking for a raffle ticket. If the booth has given away all their tickets, you may have to visit the more remote booths to increase your chances. Print your name in the space provided.

Please visit all our exhibitors.

The raffle will be drawn on Tuesday, May 26 at 1:00 pm from all tickets received into the official raffle ballot box. You must be present to win.

The official raffle ballot box is in booth 75 (Canadian Coalition for Green Health Care)

To the Exhibitor

Each booth has the same number of raffle tickets. Give one ticket per person for a visit to your booth. Once you have given away your tickets, you will let the delegate know that you are out. This way, the delegate will visit all the booths. Offer a ticket to delegates who ask for a ticket. It is not in your best interest to “pass them out” to the first dozen people who walk past, nor will it help to give more than one to any delegate.

This raffle is sponsored by:



Companion Program

*** Only for those previously registered ****

Sunday, May 29, 2016

- 1:30 pm Bus pick up at the Crowne Plaza Hotel
- 2:00 pm Doon Pioneer Village
- 3:30 pm Bus pickup for return to Hotel



Doon Heritage Village



Monday, May 30, 2016

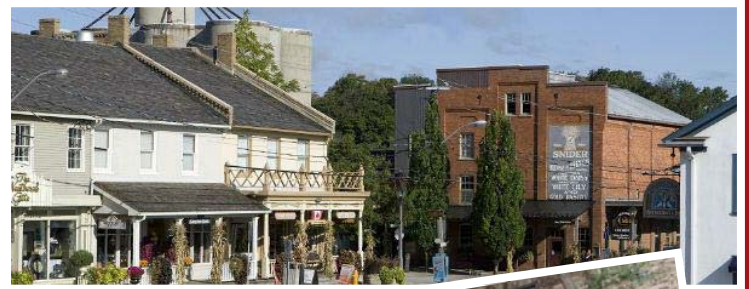
- 8:00 am Breakfast with exhibitors
- 9:15 am Bus pickup from Hotel
- 9:45 am Mennonite wagon tour
- 11:00 am St Jacob's shopping
- 1:00 pm Lunch at Sole Restaurant
- 2:30 pm The Clay & Glass Museum
- 3:15 pm Bus return to Hotel



Tuesday, May 31, 2016

Free time to visit Kitchener

- 11:30 pm Bus pick-up at the Crowne Plaza
- 12:00 pm Lunch with Exhibitors



The shops at St Jacobs



2016 Planning Committee

- | | | |
|-------------------|-------------------|--|
| Conference Chair: | Mike Bendell | mbendell@headwatershealth.ca |
| Exhibitors: | Chris Rousseau | rousseac@kgh.kari.net |
| Planning: | Kent Waddington | kent@kentwaddington.com |
| Program: | Chris Rousseau | rousseac@kgh.kari.net |
| Secretary: | Jason Pillon | jason.pillon@hdgh.org |
| Entertainment: | Jim Durocher | Jim.durocher@ngh.on.ca |
| Golf Tournament: | Roger Holliss | rholliss@smgh.ca |
| Companions: | Chantalle Hepburn | chepburn@tremcoinc.com |
| Facilities: | Ron Durocher | rdurocher@wrh.on.ca |

With assistance from Dino Marra, Dave Abbott and Jim McArthur

CHES ON Proudly supports the work of:



Thanks to our Sponsors

Ontario Chapter Conference and Trade Show



Diamond Leaders



Gold Leaders



Silver Leaders



Bronze Leaders



Speakers



KEYNOTE SPEAKER

Sunjay Nath, MBA, BScE, CSP

Sponsored by **Honeywell**

Organizations and individuals are increasingly expected to achieve more with less money, time, and human capital. Motivational speaker Sunjay Nath has engaged hundreds of thousands of people on this issue since 1995. He is best known for his trademark, “The 10-80-10 Principle” which is a framework that helps individuals and teams improve performance. Sunjay will motivate and inspire us with his strength-based approach to leadership, improving performance and empowering organizations and individuals to achieve more with less time, effort, and resources.

Implement a Water Safety Plan with ASHRAE 188-2015—A case study at SMGH

Mark Bertilli, B.Sc.

Mark works at Klenzoid



Gerald LeMoine

Implement a Water Safety Plan with ASHRAE 188-2015—A case study at SMGH

Gerald works at St. Mary’s General Hospital

Smart Hospitals— Integration of Systems and Automation

Saeid Izadpanah, P.Eng

Saeid is currently the healthcare sector lead for the buildings engineering team in Toronto. He has over 30 years of experience in the electrical engineering practice, with a specific focus on healthcare facility design. In his capacity as an electrical engineer, he has worked on a wide variety of projects. His responsibilities include feasibility studies and conceptual design, detailed design and specifications, client and project management, on-site coordination and inspection and building evaluations. Throughout his work, Saeid applies a consistent, focused approach to building design, integrating the client’s needs with site specifications and cost requirements. Saeid has designed a variety of recent healthcare projects, including Halton Healthcare Services. Most of his projects require integrated electrical systems and sustainable design solutions for the purpose of achieving LEED Silver Certification.



Bill Bailey

Smart Hospitals—Integration of Systems and Automation

Bill Bailey is recognized in Ontario as one of the most experienced leaders in healthcare infrastructure planning and project delivery. Bill oversees all the operations of the Redevelopment Office, which has responsibility for capital improvement and renovation projects at Halton Healthcare Services’ existing three Hospitals. With more than twenty years of infrastructure planning experience in Ontario, Bill brings an extensive knowledge of hospital facility planning and strategic capital infrastructure investment development to his position at Halton Healthcare Services.

As Vice President – Redevelopment, Bill is the Executive Lead responsible for the planning of the new Oakville Hospital Project; a new 1.6 million square feet facility and, the major redevelopment and expansion projects at both the Milton District and Georgetown Hospitals. Bill also provides corporate leadership for the development of enterprise-wide long range strategic capital plans.

Speakers



Martin Lensink P.Eng **Can Natural Gas fuelled Cogeneration reduce your operating costs?...Absolutely!**

Martin Lensink is a Mechanical Engineer, as well as the Principal-In-Charge of CEM Engineering. CEM provides consulting, design, and project services for cogeneration and energy management projects. We provide these same services for boiler, power generation, district energy, and biomass/biogas projects. Martin has been heavily involved in load displacement cogeneration projects in the 1-15 MW range since 1986. Their passion at CEM is to help you increase earnings by reducing energy use and/or reducing energy cost.

Can Natural Gas fuelled Cogeneration reduce your operating costs?...Absolutely! **Hugh Cumming, P. Eng.**

Hugh, a Mechanical Engineer, is an Institutional Account Manager for Union Gas; accountable to proactively deliver distribution services and Demand Side Management programs to hospitals, universities and colleges across Union Gas' southern territory. In addition, Hugh is Union Gas' sales & engineering lead for natural gas power generation, cogeneration and combined heat & power solutions. A well respected energy and cogeneration expert, Hugh works to share knowledge and energy efficiency passion with his customers.



Barry Hunt **Medical Gas Standard** CSA Z-7396.15 - Proposed changes to the 2017 Standard

Barry received his Honour's degree in Biological and Biomedical Sciences from the University of Guelph. Barry has been instrumental in the design, development and implementation of many new mechanical, electrical and architectural products for Health Care Facilities. Barry is Chair of CSA's Technical Subcommittee on Medical Gases as well as a member of CSA's Strategic Steering Committee on Healthcare Technology, Technical Committee on Anaesthesia and Respiratory, and Technical Subcommittee on Plume Scavenging. Barry also represents Canada at ISO SC6 (Medical Gases) and SC8 (Suction Devices).

Mark Cammisuli **Changes to CSA Z-317.2.14 HVAC**—Apply changes for potential energy savings

Mark joined the Enbridge Gas Distribution Industrial DSM team in April 2015 where he manages the small industrial sector. Prior to this he was an Energy Solutions Consultant for the Commercial sector at Enbridge for the past two years. Mark's broad based experience spans over 14 years of technical sales experience in the areas of mechanical equipment, pumps, process equipment, energy management and industrial water treatment. Mark holds a degree in Environmental Engineering from the University of Guelph.



J.J. Knott **Changes to CSA Z-317.2.14 HVAC**—Apply changes for potential energy savings

JJ Knott has retired as the Director of Plant Operations for NGH, since 1991. He has over 36 years of experience in the technology and facility management field. In 2015, JJ received the CHES Hans Burgers Award of Excellence for outstanding contribution to Healthcare Engineering. J.J. is the lead engineer for the Healthcare Energy Leaders Ontario, which helps hospitals across the province become more energy efficient. "In the first year, we put together \$17 million (a year) in savings for the system," he said. "Our target is to hit \$80 million over time. We will strive to hit that target.

Changes to CSA Z317.2.14 HVAC —Apply changes for potential Energy Savings

Your CHES ON Secretary, John works at

John Marshman



Speakers

Bill Dietrich

Bill works at HTS

Refrigerants—Where is North America Heading?

Fire Barrier Management —Barriers, Testing, and Technologies

Bill McHugh

Bill Mc Hugh has been involved in the construction industry over 20 years, focusing on firestopping, roofing and waterproofing. He has been Executive Director of the Firestop Contractors International Association since its inception, serving as a steering committee member during the forming of the association. Bill was involved as a firestopping contractor and consultant in the Chicago, IL area before FCIA's incorporation.

Bill's depth of knowledge in Firestopping, Waterproofing and Roofing made him a leader in firestop systems technical information and industry practice, often asked to present and write articles for contractors, code officials, architects/engineers and building owners nationally. Bill is a past-president, Northern Illinois Chapter, and current institute director, North Central Region to the board of directors of the 18,000-member Construction Specifications Institute (CSI). He is an industry member of the Association of Licensed Architects and American Institute of Architects.



Mirosław Chrzaniecki,

Green Earth Nano Science—Making Green Technologies work for you

Changes in the Global Energy Landscape—How it applies to hospitals

Ryan Duffy,

Ryan is the President and Managing Director of Blackstone Energy Services. In 2003, Mr. Duffy had the vision of creating an energy services firm dedicated to helping large users secure much needed market transparency and explore innovative solutions to protect their market risk. Today Mr. Duffy leads the Blackstone Energy Services Inc. North American team out of their Toronto head office.

Ryan is a member of the Canadian Healthcare Engineering Society

