

# CHES SCISS

Canadian Healthcare  
Engineering Society

MARITIME CHAPTER



Société canadienne d'ingénierie  
des services de santé

CHAPITRE MARITIME



**Maritime Chapter Conference - Section de le maritime 2018 May 6<sup>th</sup>- 8<sup>th</sup>  
Delta Beauséjour, Moncton, New Brunswick**

***“Efficiency”***

***The positive effects on patient and family centered care***

## **Conference Program**

Sunday May 6th

7:00 – 9:00 pm – Registration, Opening reception

**Location: Shediac A**

Monday May 7th

8:00 – 8:45 am – Registration and Breakfast

**Location : Ballroom C**

Monday May 7<sup>th</sup>, con't

All meetings and seminars will be held Ballroom C

8:45 – 8:50 am – **Welcoming Remarks** – Helen Comeau; Chair, CHES Maritime

8:50 – 8:55 am – **Greeting from the National Board** – Preston Kostura, President CHES

9:00 – 10:00 am – **Key note Address** **Mark Black**

Mark Black, CSP is a Resilience Expert, Heart and Double-Lung Transplant Recipient 4-Time Marathon Runner, Born with a congenital heart defect, Mark barely survived his first week of life. Mark received a life-saving heart and double-lung transplant. Mark has beaten all the odds and uses his new gift of life to inspire people to “live life with passion and purpose”. Mark’s presentations have now inspired nearly 60,000 people across North America and his book “Live Life from the Heart” has become an Amazon best-seller.



10:00 – 10:45 am – **Seminar 1: Mechanical insulation – Why should I care?**

**Presenter: Steve Claymen - Thermal Insulation Association of Canada**

Pipe Insulation? Duct insulation? Equipment insulation? Things that don’t light up, beep, come with touch-screens and remain mostly out of sight? And, no moving parts to wear out? What can be *exciting* about that? To start with, benchmarking energy use and water consumption is becoming more prevalent. Find out where mechanical insulation can help. Legionella disease? We have something to say about that. We’ll explore how the design, configuration and installation of piping systems can hinder energy efficiency; help promote condensation and mould growth and impact on personnel protection. We’ll talk about a no-cost/low-cost approach to determining when insulation on mechanical systems requires immediate attention. We’ll see how easy it is to “fix” seemingly complicated insulation deficiencies. We’ll review how free, downloadable software tools, “3E Plus” and “MIDG Calculator Tools” can tie all of these elements together.

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10:45 – 11:00 am – **Refreshment Break**

11:00 – 11:45 am – **Seminar 2: Disaster Recovery Planning within an Infrastructure  
Renewal Program**

**Presenter: Angelo Lazaris, P. Eng. Advisor, Comprehensive Solutions - Ingersoll Rand / Trane, Wayne  
Chiasson - Trane General Sales Manager Atlantic**

*One of the greatest challenges facing our Healthcare Facilities today is justifying the importance of investing in our non-clinical infrastructure. Why would, or even should, your CFO ever consider approving expenditures for a new boiler over an MRI? This presentation will work towards addressing the importance of "HVAC" related work in our hospitals. We will review how this impacts the continuity of service and the clinical staff's ability to perform when an equipment related disaster occurs, and discuss the steps in developing a business case for your hospital board along with finding methods to finance the overall work involved.*

11:45 am – 12:30 pm – **Seminar 3: Transition to a new Emergency Department –  
Lessons Learned**

**Presenters: Benjamin Nycum - Nycum and Associates, Lori Anne Jones - Shift consulting and Jennifer  
Sutherland - Aberdeen Hospital**

This session is about the change readiness roadmap, preparation and results in the relocation of  
Aberdeen Hospital Emergency Department to new premises.

This session enables attendees to:

- Understand the myriad details and concepts involved in change management in a complex healthcare environment, including the unique nuances of an Emergency Department
- See new healthcare projects in light of their inherent opportunities and limitations
- Plan for the expected and the unexpected when moving to a new healthcare environment
- Understand lessons learned and pointers for healthcare change management process

12:30 – 1:00 pm – **Lunch and Annual General Business Meeting**

1:00 – 5:00 pm – **Afternoon with Exhibitors**

**Location: Ballroom A & B**



2:30 – 2:45 – **Refreshment break**

4:00 – 5:00 pm – **Happy Hour on the Exhibit Floor**

6:00 pm – **Dinner – The Old Triangle Irish Alehouse – 1751 Main St (across from the Delta)**

**Tuesday May 8<sup>th</sup>**

8:00 – 8:45 am – **Breakfast**

**Location: Ballroom C**

8:50 – 9:35 am – **Seminar 4: High Resistance Grounding as a technology**

**Presenter: Edmundo Perich – I Gard**

*Selective ground fault systems at low voltage are implemented to provide continuous operation in the event of a ground fault. This is achieved by the implementation of High Resistance Grounding; a technology that is mature and proven as the best way to effectively ground electrical systems, avoiding unplanned interruptions of power and dramatically lowering the likelihood of an arc flash event. This is especially beneficial at power sensitive facilities such health care centres. Providing reliability in power supply enhance efficiency. Having to interrupt health care processes due to power loss reduces the ability to carry on critical activities in an efficient way. Also, bringing generators on line due to power failure increase cost and reduce efficiency. The paper provides descriptions, pros and cons of the different grounding systems and focus on the benefits of High Resistance Grounding as a technology.*

9:35 – 10:20 am – **Seminar 5: When You Come to a Fork in the Road...**

**Presenter: Tim Adams**

*As providers and protectors of the physical healthcare environment, we have a profound impact on the health and healing of those seeking care at health facilities. We are bombarded with codes, standards, regulatory requirements and fiscal restraints that become all-consuming when managing the operation of a facility. Yet, at the core of what we do on a daily basis is the need and responsibility to provide a safe, comforting, healing and compassionate environment. Often we have to make decisions as to the best course of action in creating and managing health facilities. We will explore making patient and family focused care an integral part of the decision making process.*

10:20 – 10:30 am – **Refreshment break**

Tuesday May 8<sup>th</sup>, con't

10:30 – 11:15 am – **Seminar 6: CSA Healthcare standards – How compliant are you?**

**Presenter: George Pankiw**

*At Hamilton Health Sciences, the Facilities Management department created a scorecard based on the CSA standards applicable to healthcare operations and maintenance. The scorecard allows you to get an overall view of your compliance. In this presentation we will look at the development of the scorecard, review some of the ratings, review our plans for improvement and discuss progress to date.*

11:15 am – 12:00 pm – **Seminar 7: CSA Z8000, Version 2.0 - now what?**

**Presenter: Gordon Burrill**

*Seven years ago, the Canadian Standards Association released the first ever national standard for planning, design, construction and operation of healthcare facilities. The first edition of CSA Z8000-11 Canadian Health Care Facilities was completed in September of 2011 sparking discussion and debate amongst hospital planners, designers, operators and regulators from coast to coast. Since then, the industry has continued to evolve and the technical subcommittee has been very busy working to update this important document. A second edition of CSA Z8000 is slated for release sometime in the middle of 2018. The new edition will hold many updates and improvements resulting from feedback received from thousands of users and hundreds of constructive comments received during the public review period. This session will give you a first look at the most significant changes coming in the 2018 edition of the standard and update attendees on the status of this trail blazing document. Come and get the latest information available to inform all of your healthcare planning and construction projects.*

12:00– 1:00 pm – **Lunch**

**Draw Prizes / Conference Wrap Up**

## **Thank you to all our sponsors**