



New Brunswick Roofing Contractors Association Inc. Association des entrepreneurs en couverture du Nouveau-Brunswick

1010 Fairville Blvd., Saint John, New Brunswick E2M 5T5 • Tel: (506) 652-7003 • 1 888 652-7003 • Fax: (506) 696-0380 • www.nbrca.ca

TECHNICAL SEMINARS ANNOUNCEMENT

Date: May 4th, 2018

The New Brunswick Roofing Contractors Association (NBRCA) will be hosting the 59th Canadian Roofing Contractors Association Annual Conference and General Meeting in Saint John from May 4th to 6th, 2018.

The NBRCA is also hosting a series of technical training seminars on Friday, May 4th, 2018, at two locations in Saint John; at the Delta Hotel located at 39 King Street; and at the Roofers Training Centre located at 1010 Fairville Boulevard. These seminars are eligible for educational credits from AANB, APEGNB, and BOMA in accordance with their policies and are preapproved for RCI CEHs as indicated herein.

A Table Top Trade Show is also being held from 8:00 AM to 3:00 PM at the Delta in conjunction with the presentations at that location. Coffee and lunch will be provided at both locations.

Please indicate the 3 seminars you wish to attend on the table below.

Delta Hotel, King Street – (35 seats available at this location)

Presentations of particular interest to Owners, Architects, Engineers, Consultants, & Designers

Time	Description	Register
8:30 AM	Application and use of CSA A123.21 to Roofing Projects under NBCC 2015 Presented by: Jean-François Côté, Ph.D.; Director, Standards and Scientific Affairs – Soprema [Pre-approved for 1.5 RCI CEHs]	
10:45 AM	Turning up the Heat on PV Installations in Alberta Presented by: Kevin Kramers, CET, RRO; Technical Officer for the Alberta Roofing Contractors Association [Preapproved for 1.5 RCI CEHs]	
1:30 PM	Why Is Tapered Insulation an Integral Part of the Roof Design? Presented by: Eric Dallaire, Camille Johnson, and Stephane Melanson - ModulR TS [Pre-approved for 1.5 RCI CEHs]	

Roofing Training Center, 1010 Fairville Boulevard (20 seats available at this location)

Presentations of particular interest to Estimators, Operations and Maintenance Personnel

Time	Description	Register
8:30 AM	Why Is Tapered Insulation an Integral Part of the Roof Design? Presented by: Eric Dallaire, Camille Johnson, and Stephane Melanson - ModulR TS [Pre-approved for 1.5 RCI CEHs]	
10:30 AM	Workshop on Roofing Contract Insurance Issues Presented by: Simon J. Fenn, Chairman of Fenn & Fenn Insurance Practice Inc. Note: Registrants for this workshop are invited to submit insurance wordings and scenarios to the presenter by April 20 th for incorporation into the workshop. [RCI CEH approval pending]	
1:30 PM	Introduction to Roof Asset Management (RAM) Presented by: Steven F. James, Founder and President of Digital Facilities Corporation. [RCI CEH approval pending]	





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\$25 Registration Fee – includes three Seminars, coffee and lunch

**Only 35 Seminar seats available at the Delta Hotel Venue
and
Only 20 Seminar seats available at the Roofers Training
Centre
so
Register Soon**

Please indicate your 3 seminar choices in the table on the previous page and submit along with the completed registration form below to:

New Brunswick Roofing Contractors Association
1010 Fairville Boulevard.
Saint John, NB, E2M 5T5
Fax (506) 696-0380
Email info@nbrca.ca

<h2>Technical Seminars</h2> <h3>Registration Form</h3> <p>May 4th, 2018,</p>	
Attendee Name	
Phone	
Email	
Firm Name	
Billing Name and Address	
Billing Email	
Registration fee will be invoiced to the billing name provided.	



Presentation Sommaires & Presenter Biographies

May 4th, 8:30 AM – Delta Hotel

Application and use of CSA A123.21 to roofing projects under NBCC 2015

Presented By: Jean-François Côté, Ph.D.

Director, Standards and Scientific Affairs – Soprema

[1.5 RCI CEHs]

Now that CSA A123.21 is referenced in the National Building Code of Canada, what has changed? NBCC provides means of calculating the resistance of the roof assembly to wind uplift. Selection of roof assemblies suitable for use on any given building has been simplified with the development of the CSA standard. It is now possible to identify which roof assemblies have sufficient resistance to wind uplift so the code requirement can be satisfied.

The challenge that lies ahead in our industry is now to make this a habit and to ensure that the right individual does the right action. Designers are expected to perform the calculations leading to the determination of the required wind uplift resistance and include this information in their specifications. On the other hand, bidders are expected to look for published test reports showing roof assemblies that comply with the specified resistance. These test reports exist because manufacturers tested their roof assemblies to the CSA standard.

And, just as we thought we had it all figured out, NBCC has moved to ultimate limit states design, imposing a 40% increase to calculated wind loads... What is the impact of this modification to the roof assembly selection process? Are safety factors still required?

Presenter:

Jean-François Côté holds a Ph.D. in Materials Science from INRS-Université du Québec obtained in 1998. In his current role, he represents Soprema on technical committees of industry associations (ARMA, PIMA, XPSA) and is actively engaged in various North American standards development organizations.

He is chair of the CSA A123 technical committee on Bituminous Roofing Materials, and is co-chair of the ASTM D08.04 Subcommittee on "Felts, Fabrics and Bituminous Sheet Materials".

May 4th, 10:45 AM – Delta Hotel

Turning up the Heat on PV Installations in Alberta

Presented by: Kevin Kramers, CET, RRO

Technical Officer for the Alberta Roofing Contractors Association (ARCA)

[1.5 RCI CEHs]

Springtime in Alberta usually brings warmer weather and longer days that launch a new construction season, with an occasional blizzard here and there. Spring 2016 brought all of these, but it also introduced an aggressive campaign to install rooftop-mounted photovoltaic systems to compliment the Alberta provincial government's renewable energy initiatives.

The ARCA was being contacted daily by roofing contractors, architects, inspectors and building owners on how these systems would affect their roofing assembly. Throughout the spring and summer of 2017, the ARCA researched third party studies, investigated existing installations and reached out to international organizations that had experience with rooftop mounted photovoltaic systems to develop an installation standard that would enable these systems to be installed while maintaining the primary function of the roof, providing a watertight building.

Although the results have not always been considered popular, the ARCA brought a proactive approach to dealing with this complicated issue. Join Kevin as he outlines ARCA's commitment to developing installation standards amidst a challenging environment to ensure the building owner is provided with a product that follows best practices and established criteria ensuring their greatest asset, their roof, will perform for many years.

Presenter:

Kevin Kramers (C.E.T., R.R.O.) is the Technical Officer for the Alberta Roofing Contractors Association (ARCA) and is responsible for maintaining the ARCA Roofing Application Standards Manual, managing the ARCA Technical Committee, researching new products and applications and providing technical education for building professionals in Alberta.

Having over 25 years of construction experience with a wide variety of construction types, Kevin is able to identify how the different elements of a building must work together to achieve a quality structure that serves the building owner for many years. As the roofing industry continues to evolve, his objective and pragmatic skillset allows the ARCA to meet the demands of their members.

May 4th, 1:30 PM – Delta Hotel

and

May 4th, 8:30 AM – Roofing Training Centre

Why Is Tapered Insulation an Integral Part of the Roof Design?

Presented by: Eric Dallaire, General Manager at ModulR TS;
Camille Johnson, Sales Director at ModulR TS; and
Stephane Melanson, CET, Estimating Manager at ModulR TS

[1.5 RCI CEHs]

Prolonged water retention of roof surfaces, “ponding”, can cause numerous problems effecting the performance and longevity of roofing systems including: accumulation of ice, debris and contaminants that can accelerate membrane deterioration and reflective performance; vegetation growth; voiding of the roof warranty; and even roof structure deformation or collapse.

Tapered insulation is used to address the situations where structural slopes do not exist or have become ineffective in existing buildings, or they cannot be or have not been achieved on some or all roof locations in new construction.

This presentation will discuss tapered insulation design challenges and how they may be addressed, options and limitations in tapered insulation design, and will discuss tapered insulation design solutions in the context of available materials.

Presenters:

Eric Dallaire – General Manager:

Eric Dallaire joined ModulR TS in 2006 in shipping and receiving and worked his way into the estimating role in 2010 after successfully completing his Civil Technician course. In his estimating capacity, Eric was responsible for the design of tapered insulation solutions for new constructions and reroofs projects as well as conceptualizing solutions for complex water ponding issues on existing industrial, institutional and commercial roofs. In July 2014 Eric was promoted to the role of General Manager.

Camille Johnson – Sales Director, Ontario:

Camille Johnson has worked in the Roofing Industry for over twelve years, all of which with ModulR TS. He and his wife relocated to Ontario in 2009 to look after and grow the Ontario market. Camille works primarily with roof consultants, helping them with their specs and offering design ideas for their various re-roofing projects. Camille is an active member of RCI, OIRCA, CRCA and is involved with the CRCA Associate Committee.

Stephane Melanson – Estimating Manager:

Stephane Melanson came into the roofing industry in 2014. After graduating with honors from his Civil Engineering Technologist program, Stephane worked for two year in the HVAC industry, prior to joining ModulR TS. As estimator, and now as the estimating department manager, Stephane provides valuable insight to the design community with his ability to visualize complicated solutions to problematic deck designs and provide preliminary drawings that our clients can insert into their tender documents as their own.

May 4th, 10:30 AM – Roofing Training Centre

Workshop on Roofing Contract Insurance Issues

Presented By: Simon J. Fenn, CIP

Chairman Fenn & Fenn Insurance Practice Inc.

[RCI CEH approval pending]

Simon will conduct a workshop for roofing contractors that will examine the insurance wordings that are appearing in contracts that may include things like hold-harmless clauses, indemnification requirements, insurance certificate requirements, etc. Some of these items may not be included in the contractor's current insurance coverage requiring additional insurance costs and some requirements may ***not*** be uninsurable at any cost.

Registered participants are invited to submit insurance wordings or scenarios to Simon for incorporation into the topics being examined and discussed during the workshop.

Presenter:

Over 38 years risk management and insurance experience in the world's top insurance corporations. Simon has specialized in Construction Risk Management and Insurance for over 25 years and industrial, commercial, institutional (ICI) roofing for 15 years. Fenn & Fenn oversees a portfolio of roofing contractors today in the area of \$450MM annual gross receipts (over 80 roofers). Simon is a contributor of many articles specific to ICI Roofing for trade journals such as Ontario Roofing News (OIRCA Publication) and Roofing Canada (CRCA Publication).

Simon is an active participant in various councils, boards and committees including; Canadian Construction Documents Committee (CCDC), the Canadian Roofing Contractors Association (CRCA), the Ontario Industrial Roofing Contractors Association (OIRCA), and the Toronto Construction Association (TCA), and has presented technical lectures to numerous provincial and national roofing and construction industry associations.

May 4th, 1:30 PM – Roofing Training Centre

Introduction to Roof Asset Management (RAM)

Presented By: Steven F. James

Founder and President of Digital Facilities Corporation (DFC)

[RCI CEH approval pending]

Steven will describe the Big Picture of Roof Asset Management (RAM) including the Roofing Lifecycle, Ram Objectives, and Metrics. He will follow with a discussion of the roll of Roofing Service Providers in the context of RAM including the roll of RAM services, types of RAM, compensation for RAM services, RAM Service examples, and Customer Sales Management vs RAM.

The types of building owners, their business objectives in the context of RAM goals, the types of RAM services, and business examples will be discussed.

Finally, Steven will describe the steps and tools that can be used to initiate a RAM program including documentation of as built information, methodologies for rating and ranking priorities and leveraging the use of technologies such as data bases, electronic/remote roof measurement, electronic cost estimating, and analytics.

Presenter:

Steven founded Digital Facilities Corporation (DFC) in North Chelmsford, MA in 2002 after a career as a Sales Manager for W. R. Grace & Co. and as the VP North American Business Manager of Roof Systems with JPS Elastomerics. DFC developed a specialized technology business focused on Roof Asset Management. Executive management, application design, software project development, key account sales. Notable North American customers include US Army Reserve, Target, Hydro One, BWI Airport, and leading service and consulting companies.