

Canadian Technical Asphalt Association



Association technique canadienne du bitume

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62nd Annual Conference



Attendees - technical session.
We have it on good authority that
resting ones eyes aids in the
absorption of information

Special points of interest:

- By Law Change
Proceedings Entitlement
Letter Ballot vs Electronic voting
- Conference Highlights
- Award Recipients
- 2018 Board
- 2017 Conference Photo
Gallery
- Membership Dues
- Scholarships

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The 62nd Annual Conference, held in Halifax, NS, was attended by 279 delegates, plus 9 one-day delegates, 3 students. A total of 62 general new members have been mailed their membership certificates. The conference delegates, along with 34 accompanying persons, enjoyed the conference and local areas nearby the Halifax Marriott Harbourfront Hotel.

There were 21 technical papers presented at the conference. This year's CUPGA seminar on Sunday afternoon included brief presentations from CTAA's 6 Regional Directors as well as presentations and discussion on **"Cutting Edge Innovations in Asphalt Technology"**. The technical papers covered a diverse set of topics from plant-derived modifiers to pavement structure calculations to colored asphalt. As well several papers on recycling and cracking brought case studies to the audience. If you were not able to attend the conference you should now (or very shortly) have received the bound proceedings, be sure to check out the technology presented. The technical papers are also available online via the member's area, just log in and select Workspaces\Proceedings Technical Papers and then select Technical Papers\2017. There is also the updated Index of Papers and the previously published compendium's now available there.

The training session, held on Sunday morning, for this year was entitled **"An Introduction to Modified Asphalt Binders"** and was widely received with 83 delegates registering to attend. The course was presented by Chris Lubbers and Charles J. Dubois and organized in conjunction with the Association of Modified Asphalt Producers. (Please take a moment to thank the presenters if you get a chance, it is through volunteers like these that we have been able to continue to offer interesting courses to the membership for the last 10 years). The course covered chemical modifiers, polymer modifiers, crumb rubber and engineered binders as well as testing and rheology considerations and on-site handling of these special binders.

CALL FOR PAPERS – 2018 Regina

The **Call for Papers** is available from within the [member portal](#) (the link is in the badges on the right side of the screen) or on the conference page of the website. This year it is a new web form we are trying. *It is best if you access the form from the member portal as then the system knows your member information.*

Please note the closing date for submissions of abstracts, **February 12th, 2018**. The selection of 20 - 25 papers for presentation at the Conference is normally made from about 40 abstract submissions. The success and continued existence of the Association depends on the presentation of sufficient high quality technical papers at our conference.

Please send in your proposed abstracts before the **February 12th** deadline date.

By Law Changes - Section 3.02, 5.04, 5.05, 6.04, 7.06, 9.05, 10.01

Letter ballots will be mailed for the proposed By Law changes to Sections 9.05, pertaining to Proceedings entitlement. Sections 3.02, 5.04, 5.05, 6.04, 7.06 and 10.01 pertaining to letter ballot versus electronic voting. These sections were presented as a resolution to the membership and approval to make the changes passed at the AGM this year.

UPDATES AND TIDBITS

Newest Honorary Member—2017

On November 14, 2018, Keith MacInnis was made an honorary member of CTAA.

Keith MacInnis is a native Nova Scotian who began his university education at Acadia University where he graduated as a university medalist with a Bachelor of Science (Honours in Chemistry). He was awarded a Ph.D. in Organic Chemistry in 1982 from McMaster University. He then moved to the University of Toronto for a post-doctoral fellowship with Professor James Guillet investigating polymer photochemistry.

Fortunately Professor Guillet had an entrepreneurial spirit which afforded Keith the opportunity to work for two of his start-up companies. The first company specialized in photodegradable plastic while the second start-up endeavoured to commercialize a technology, invented by Professor Guillet, which used polymer beads as reaction vessels for photochemical reactions.

After this introduction to industrial chemistry, Keith made the transition to the asphalt industry which was a real eye opener. He had to become acquainted with the black art of asphalt technology. As research director at McAsphalt Industries he was fortunate to have worked alongside Dr. Norman McLeod and Keith Davidson.

Keith moved on to join Canadian Asphalt Industries as Senior Technical Advisor where he has been for over twenty years. He is indebted to Ray Legault and Bruce Armstrong who gave him the latitude and encouragement to work on a variety of OHMPA (now OAPC) committees, present the opening lecture at OGRA's Scott McKay Technology Course and to remain involved with CTAA.

CTAA has been an integral part of Keith's career. He has coauthored five papers and authored a response to a CTAA paper which is to be submitted for publication in the 2017 proceedings. Currently, CTAA is preparing an online textbook on hot mix asphalt focussing on materials and mix designs used in Canada. The project is directed by Professor Alan Carter (ÉTS), the 2015 CTAA president. Keith's role is to write the chapter on asphalt cement.

Not just an author but also a presenter, Keith won the Norman W. McLeod Award for best presentation at the 1991 CTAA conference in Montreal. Also interested in the operations of the association, he served two terms as the Ontario director and then held the office of President in 2014.

Keith's involvement in the industry also included participation with the Ontario Good Roads Association. In 2016 this organization recognized his contributions to the Municipal Infrastructure Training Courses with a long term service award.

Although Keith has recently returned to Nova Scotia, he still continues to act as Senior Technical Advisor for Canadian Asphalt Industries. He maintains his membership on the OAPC technical committee. Keith looks forward to many more years of participation in CTAA as an active member, conference attendee and author.

Congratulations, Keith!



Nabil Kamel presenting Keith MacInnis his certificate at the Association's Robert Nobel Award Luncheon.

62nd Annual General Meeting Minutes

The draft Minutes of the Annual General Meeting held in Halifax last November are posted on our web site at www.ctaa.ca. For those who do not have access to the internet and/or need to have a hard copy, please contact Head Office.

Revenue	2017	2016
Annual Conference	311,348	286,669
Dues	119,810	122,368
Other	10,435	10,514
<i>Total</i>	<i>442,233</i>	<i>419,551</i>
Expenses		
Annual Conference	303,542	287,928
Miscellaneous	31,088	36,247
Support Services	45,793	53,101
Board of Directors	9,965	10,225
Office	18,504	18,625
Proceedings	40,889	37,315
<i>Total</i>	<i>449,781</i>	<i>443,441</i>
Net Income	(7,548)	(23,890)
Member Equity		
Beginning of year	534,581	558,471
End of year	527,033	534,581

Should anyone wish a copy of the financial statements, they are available in the members area under 'Workspaces' then 'AGM'.

Future Conferences

2018	Regina, SK - Delta Regina Hotel
2019	Montreal, QC - Fairmont Queen Elizabeth
2020	Kelowna, BC - to be announced



Trentino Room for Technical Sessions
Photo courtesy of Delta Regina Hotel website.

***Don't forget to budget
for your attendance to
the conference !***

SEE YOU IN REGINA!!



Board of Directors 2017 – 2018

Back Row: Ania Anthony, Alan Carter, Chuck McMillan, Richard Hart, Michael Esenwa, Steve Goodman, Brandon MacDonald, Jason Herring, Rielle Haichert and Véronique Szabo
Front Row: Hugh Donovan, René Dufresne, Nabil Kamel, Ryan Clark, Todd Strynadka

Board of Directors 2017 – 2018

President	Nabil Kamel
1st Vice President	René Dufresne
2nd Vice President	Ryan Clark
Regional Directors:	
<i>Alberta</i>	Richard Hart
<i>British Columbia</i>	Jason Herring
<i>Prairies Provinces and Territories</i>	Rielle Haichert
<i>Ontario</i>	Michael Esenwa
<i>Québec</i>	Véronique Szabo
<i>Atlantic</i>	Brandon MacDonald
<i>LAC Chair 2018</i>	Ania Anthony
<i>LAC Chair 2019</i>	Alan Carter
Past President	Todd Strynadka
Past Past President	Hugh Donovan
Appointees:	
<i>Secretary-Treasurer</i>	Chuck McMillan
<i>Proceedings Editor/ Communications Manager</i>	Steve Goodman

2018 Committees

Executive	Chair	Nabil Kamel René Dufresne Ryan Clark Todd Strynadka Hugh Donovan Chuck McMillan
Conference Program for 2018	Chair	René Dufresne Ryan Clark Regional Directors
Membership	Chair	Jason Herring
Education & Training	Chair	Michael Esenwa Nabil Kamel René Dufresne Chuck McMillan
	<i>Sunday Course</i>	
By-Laws	Chair	Hugh Donovan
Nominating	Chair	Todd Strynadka
Scholarship	Chair	Véronique Szabo Regional Directors
CUPGA Liaison	Chair	Ryan Clark

Annual Membership Dues

General Information

We wish to remind those that paid the non-member fee to attend the Conference in Halifax ***paid fees for their 2017 membership*** in the Association.

Reminder notices for **2018 General Membership** annual dues have been e-mailed as of **January 3** to all members whose **2017** fees were paid. Members choosing to pay by cheque are asked to ensure that a copy of the invoice created accompany all payments to ensure payment is applied to the correct member's account.

Members whose fees are not paid

will get further email reminders. If not paid by Mar 30 members lose access to the members area.

The Board approved an increase in membership fees in November bringing them to **\$200**, the *first* since an increase in **2012**. Making a speedy payment, *made all the easier with the new membership management system*, **entitles you** to a discount which brings your fee to **2017** rates. Please read your reminder email for details.

Replacing Members

General membership with CTAA is held on an individual basis and is

not transferrable. If a member is to be replaced by another person in an organization then a new application must be forwarded. The proposed member is required to submit an application for approval by the Board. To apply please go to the members area tab on the web site.

Your Contact Information

Please, take a moment to access your profile to ensure your information is accurate. If you have changed your email address and did not update it in your profile,

(cont'd. on page 5)

CTAA'S SCHOLARSHIPS

Available CTAA Scholarships

Provided qualified applications are received, CTAA, in 2018, plans to again award 3 scholarships each valued at \$2000.00; the CTAA Graduate Scholarship, the CTAA Undergraduate Scholarship and the CTAA Applied Technology Scholarship.

The CTAA Graduate Scholarship will be presented to a student who has been admitted into, or is currently enrolled in, a Canadian university program leading to a post graduate degree which contributes to advances in any facet of asphalt technology. Eligible fields of study include chemistry, chemical engineering, and construction or civil engineering. Other areas of study may be considered provided the applicant clearly notes the relevance of his/her curriculum towards asphalt technology.

The CTAA Undergraduate Scholarship will be presented to a student who has been admitted into, or is currently enrolled in, a Canadian technical college or a university program leading to an undergraduate degree which contributes to advances in any facet of asphalt technology. Eligible fields of study include chemistry, chemical engineering, and construction or civil engineering. Other areas of study may be considered provided the applicant clearly notes the

relevance of his/her curriculum towards asphalt technology.

The CTAA Applied Technology Scholarship will be presented to a student who has been admitted into, or is currently enrolled in, Canadian technical college or a community college program leading to a diploma which contributes to advances in any facet of asphalt technology. Eligible fields of study include chemistry, chemical engineering, and construction or civil engineering. Other areas of study may be considered provided the applicant clearly notes the relevance of his/her curriculum towards asphalt technology. Applicants with industrial experience in asphalt technology are encouraged to apply.

Application Process: In order to be considered for the annual CTAA Scholarships the following materials must be received by the CTAA office no later than July 1st. Information received after this deadline will not be considered in the scholarship

review process.

- Completed scholarship form;
- Applicant's resume (outline education, career objectives, work experience, community involvement, participation in extracurricular activities, special interests and achievements);
- Current academic transcripts;
- Applicant's statement of present and long-term career goals and aspirations (500 words or less);
- Three reference letters as noted below:
 - A letter of reference from the applicant's program advisor.
 - Two reference letters, preferably from CTAA members, or from individuals knowledgeable in the technical/academic qualifications of the applicant.
- The original letters must be sent directly to the CTAA office.

Members of the Canadian Technical Asphalt Association are encouraged to pass on this information to students that may be interested in our scholarship program and who may not be aware of the information we pass on to institutions of higher learning. The Board of Directors has attempted to identify all the institutions in Canada and a particular individual in each institution but some may have been missed and they look to the members for assistance.

Earl Kee, Elaine Thompson and Norman W. McLeod Awards

The **2016** winners of the **Earl Kee** and **Norman W. McLeod Awards** were Justin Suda and Brian Palsat, respectively.

The **Elaine Thompson Award** was presented to Mike Aurilio for his paper entitled, “**Predicting HMA Fatigue Using the Double Edge Notched Tension Test and Multiple Stress Creep Recovery Test.**”



Earl Kee—2016

Justin Suda with President Todd Strynadka accepting his award.



Elaine Thompson Award—2017

Editor Steve Goodman presenting Mike Aurilio with his award.



Norman W. McLeod—2016

Bryan Palsat with President Todd Strynadka, accepting his award.

A Rare Honour

Scholarship Award winners are seldom able to attend the conferences but 2017 saw the recipient of the **Graduate Scholarship**, **Jen Penner**, being congratulated by President, Todd Strynadka. Jen's award had been mailed to her in August.



Annual Membership Dues

(cont'd from page 4)

Be sure to use the **old email address** to access your profile or your member number. Also, please consider donating to the Scholarship fund to help make the awards self-sustaining. We're almost there!

And last but not least, please indicate if you want a hard copy of the Proceedings when paying your dues. All the Proceedings have been posted on our web site and are accessible by paid up members

SUSTAINING MEMBERS — NEW

Changes to Sustaining membership are being reviewed by the board to make the sustaining membership more prestigious for our sustaining members similar to what is done with other organizations. It is expected the new changes will provide enhanced milestone recognition for those firms that commit to the sustainability of the Association through the sustaining membership route. The fees for sustaining members will be adjusted going forward and the ability to participate in the sustaining membership will become dependent on demonstrated commitment to the organization via specific means. As a result no new sustaining members will be accepted until the new guidelines are finalized. Stay tuned as the board works on this new approach and if you have any comments or input please contact a member of the executive.

Payment Information

Payments can be made online, following the instructions in the reminder email sent on January 3rd, by cheque and, as a very last resort, by phone.

Tax Exemption

Members who are employed by government organizations are exempt from GST or HST **ONLY** if the government body is paying the invoice directly. Exemption numbers are required and renewal can **NOT** be made via the on line line as a special invoice must be prepared—please contact the office if this applies to you.

All invoices paid by personal cheque, money order, or personal credit card **MUST** include GST/HST. Members who have not paid their dues by **July 31, 2018** will be placed on the delinquent list and their names will not appear in the **2018** copy of the **Proceedings**. *(Cont'd on page 6)*

Payment by Credit Card (cont'd from page 5)

Visa, MasterCard, American Express and the Discovery cards are all accepted by CTAA for all payments. Please ensure the name of the cardholder is included with the payment if different than the member's name (when sending to the office).

As a reminder, to access the "Members Portal" you will need your email address or member number and the password sent to you or the one you created.

2018 Annual Conference - Regina, Saskatchewan

The 2018 Conference will be held at the Delta Regina, from Sunday, November 11 to Wednesday, November 14. Room rates have been set at **\$159** for a standard guest room. Conference and hotel **registration information** will be posted on the web site in **July** and in addition will be mailed to those for whom an email address has not been provided.



Please remember that registration for the **CUPGA workshop** being held in the afternoon on Sunday, November 11, 2018, is **included** in your regular conference registration fee.



The **training session** is scheduled for Sunday morning as a **separate** registration on the Conference registration

form. The training session fee will be a separate line item on the conference registration form.

The welcome reception on Sunday Night will be held at the conference hotel. Delegates will have the opportunity to re-new business connections, sample local food and drink, and try their luck in a selection of casino games – and don't worry - play money will be provided so you can't lose!

How can you help us host a successful event? – take advantage of the \$50.00 early bird discount available on or before **October 14, 2018**. Your early registration helps with accurate conference planning and reduces overall conference costs.

See you in Regina!

CONFERENCE PHOTO GALLERY

CTAA's Conferences are about networking, the speakers the technical sessions, the hospitality suite, the guest program and enjoying the food! All co-ordinated by your LAC

Networking.



Welcome Reception.



Guest Program - 2017



The speakers



Entertainment

