



Canadian Technical Asphalt Association

Items of interest

- Conference Details
- Program Summary
- Conference Program
- Abstracts (as a link below and on the website.)
- Guest Program (on website)

Inside this issue:

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Director Nominees - Alberta Region	3
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Conference Links

- ♦ [Online Conference Registration](#)
requires login
[English](#) [French](#)
(to fax or mail)
- ♦ [Abstracts](#)
(English only)
- ♦ 2018 Call for Papers
[English](#) [French](#)
- ♦ [Nomination Form](#)
2018-2020
(requires login to Member's Page and in English only)
- ♦ [Hotel Reservation](#)
(direct link to the hotel)

2017 CONFERENCE & AGM

The 2017 Conference & AGM will be held at the Marriott Harbourfront Hotel in Halifax, Nova Scotia, November 12-15, 2017.

The program planned for this year is expected to be as interesting and thought provoking as programs from previous years. The Canadian Technical Asphalt Association exists for these conferences and the Proceedings generated therefrom. The Local Arrangements Committee has been planning the entire program for over two years and looks forward to welcoming a large number of existing members, new members and guests. Please support your Association by attending the 2017 Conference in Halifax, NS. Check our website at www.ctaa.ca and click on Conference for conference news and updates, and be sure to check out this year's sponsors. **Don't forget we have a new portal for online payments and conference registration.**



Halifax Marriott Harbourfront Hotel
 Courtesy of Halifax Marriott Harbourfront Hotel
 web site/Photos

For those receiving this newsletter electronically, please note that the following forms have been posted on the web site (*links to the left of this article*):

- Conference Registration form
- General Call for Papers for the 2018 Conference in Regina, SK
- 2018-2020 Nomination Form
- Abstracts

These forms along with a ballot and return envelope have been included with the package to those members receiving the Newsletter by post and for those receiving the Newsletter electronically, the nominee list, ballot and return envelope have also be mailed.

Conference Fees - REMINDER

The conference registration form provides an outline of the fees for this year's conference. Why not save **\$50 by registering early, before October 22, 2017**. If your choice is to register by post, the envelope must be postmarked **October 22, 2017 or earlier**. For those attending the conference as a non-member **please note** the registration fee includes your membership to **December 31, 2017**. Membership is based on a **calendar** year.

The Online Conference Registration and direct link to reserve your room at the hotel are now available. By logging into the Members Area of the web site your form will auto-populate with your contact information. Be sure to check it for accuracy. The online conference registration provides you with a receipt as soon as you have finished processing your payment.

See you in HALIFAX!

Nominations

CONTINUING BOARD MEMBERS



President
Nabil Kamel



Past President
Todd Strynadka



Past Past President
Hugh Donovan



1st Vice-President
René Dufresne



British Columbia
Jason Herring



Prairies & Territories
Rielle Haichert

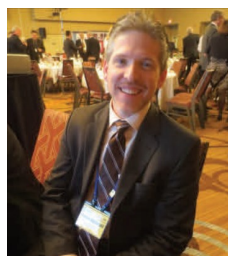


Québec
Véronique Szabo

BY ACCLAMATION



2nd Vice-President
Ryan Clark



Atlantic
Brandon MacDonald



Ontario
Michael Esenwa

All members will receive ballots by mail in during the week of August 15th. The ballot will be included with the August Newsletter to those who traditionally receive the Newsletter by mail.

To assist the CTAA Nominating Committee with next year's nomination process, we are asking members to [provide names](#) of CTAA members who are able and willing to serve on the CTAA Board of Directors from November 2018 to November 2020. **You can nominate yourself** or **any member in good standing** who resides in the region open for election. The positions that are eligible for election in **2018** are the 2nd Vice President and Directors for Québec, Prairie Provinces and Territories, and British Columbia. The Nomination form is posted on the web site in the members' portal. Please note that those being nominated for 2nd Vice President should have had previous Board experience.

Nominees 2017-19 - Director - Alberta



Chris Dechkoff

Education:

2006 B.Eng. Civil Engineering, Ryerson University

Work Experience:

2006 to Present – Technical Manager, ACP Applied products, Acheson, AB

1996 to 2006 – Project Supervisor, Skookum Asphalt Ltd., Whitehorse, Yukon

Memberships and Related Activities:

Member, Association of Professional Engineers, Geologists, Geophysicists of Alberta

Member, of CTAA since 2004 and Incoming CUPGA Chair

Member, ASTM

Member, Transportation Association of Canada

Member, Center for Transportation Engineering and Planning, Annual Western Canadian Pavement Workshop

Reasons I want to be a Director:

I am excited about submitting my candidacy to become the CTAA Director for Alberta. I look forward to becoming more involved with such a long standing technical association and plan on bringing strong dedication, positive energy and fresh ideas to the table. The sharing of asphalt related technologies and trends in Canada are imperative to the growth and success of our industry. I feel that I could assist in these exchanges both within the membership as well as promote the CTAA in industry. This position will allow me to contribute some of the technical knowledge that I have acquired over 21 years in the asphalt industry. I am ready and able to contribute to the important work and industry support that the Board provides and look forward to the challenges that would be presented.



Richard Hart

Education:

2000 – Bachelor of Science, University of Alberta

Work Experience:

1996 to Present – Park Paving Ltd., Manager of Asphalt Plants, Quality Control, Land Development and Recycled Crushing Industries.

Membership and Related Activities:

Member of CTAA since 2009

Member of LAC in 2010 Edmonton conference.

Reasons I want to be a Director:

The CTAA provides a forum for owners, academics, municipalities, consultants and contractors to gather and collaborate regarding leading edge research as well as anecdotal information sharing between those from a wide range of backgrounds and experience. My commitment is to serve the membership to the best of my ability, ensuring the CTAA's good work continues, whilst contributing the perspective of an innovative and enthusiastic contractor.

The value of membership and involvement has been immeasurable, both personally and professionally. This value and effort must be reinvested within the organization to ensure all members both present and future receive a similar experience.

Delinquent (Lapsed) Members

One of the changes we are working with under the new system (see p 2) is simple terminology and processes for members who have not paid their dues for the current year. While the internal processes may change slightly in alignment with the new software the impact to the member is similar.

Dues not paid by March/April of the current year results in the membership being flagged as lapsed. Once payment is lapsed members will no longer have access to the members' portal or be eligible for member pricing, for example. The new system will be set up to redirect lapsed members to the dues payment screens, at least that is the plan. Email reminders will also be automated as will personal messages in the members' portal area.

As before, those members who have lapsed will not be included in the member directory (both online and for the conference App). *(cont'd on page 7)*

Conference Registration

Registration

PLEASE note that there is **one registration fee for the conference, plus a fee for the course**. The **full conference fee includes**: the CUPGA session on Sunday afternoon, lunch on Sunday and the complete Association conference, Sunday night to Wednesday afternoon. If you wish to attend the course on Sunday morning, please be sure to register, remembering the course has a separate fee.

Online registration for the Conference should be active shortly after you receive this Newsletter. You can access it through the new member portal or via the link on the conference page. **New this year:** please check off the meals you plan to attend to help the Local Arrangement Committee with planning meals.

Don't like to register online? A Conference registration form has been posted on the web site, check the link in the email and the front page of the Newsletter. Please note that the conference registration form and payment are to be directed to the Victoria office of the Canadian Technical Asphalt Association. Once the form has been received and processed, that's it, your registered! (You can email, mail or fax the form).

The direct link for making a hotel reservation is available on the web site conference page.

Young Members' Reception

There will be a reception on Monday evening from 5 p.m. to 6 p.m. for members who are 30 years of age or younger. The Board hopes that those attending will see the benefits of one day becoming involved in the Association and Board of Directors' affairs. For those interested in attending there is a check box on the Conference Registration form.

Students

CTAA continues its strong commitment to student engagement by offering free membership with the Association and greatly reduced Conference fees. Know students in the area? Invite them to register.

Proceedings

The cost of the Proceedings has been included in non-member's registration fees. Regular membership dues include the Proceedings. **Remember that the registration fee for non-members includes membership in the Association for the year 2017.** Hopefully new members signed up in this fashion will then decide to continue to enjoy the benefits of membership in the CTAA.

Membership Fees

Members, whose **2017** dues of \$185.00, plus applicable taxes, are **paid up by the 22nd of October**, will be **eligible for the member's discount** conference fee rates.

Conference Fees

The conference registration form provides an outline of the fees for this year's conference. Please note that registration fees will be **increased** by \$50 for those registering on line **after October 22nd, 2017**. For those registering by **mail** the envelope must be **postmarked October 22nd or earlier**. **Faxes** must be received by **October 22nd**. Cancellations requested by **October 31st** will be issued refunds.

PAYMENTS

CTAA is accepting secure online payments for conference registrations; membership renewals and membership applications. Scholarship donations can be made as part of a conference registration or membership renewal. Making your payment to CTAA by cheque is still accepted.

TENTATIVE 2017 CTA CONFERENCE PROGRAM

(Abstracts available on the web site.)

Monday, Nov. 13th, 2017

Morning Session: 10:00

1. "Creating economical and well performing binders via modification by epoxidized plant derived oil materials"

Joseph Podolsky, Nacu Hernandez, R Christopher Williams, and Eric Cochran

2. "Laboratory Evaluation of Balanced Mixtures Made with Three Different Modified PG Bitumen at 120°C and 60°C Compaction Temperatures"

Everett Crews, Jason P. Bausano, Jenna Michael Bowers, Richard K. Steger, and Dennis M. Muncy

3. "Laboratory Study On The Effect On Asphalt Binder Rejuvenators On The Cracking Resistance Of Hot Mix Asphalt Mixtures"

Jason C. Wielinski, Laura Magill, Christopher Campbell and Gerald Huber

4. "Comparison of New Test Methods and New Specifications for Rutting Resistance and Elasticity of Modified Binders"

Raquel Moraes, Dan Swiertz, Hussain Bahia

Monday, Nov. 13th, 2017

Afternoon Session: 13:30

5. "Prince Edward Island's Experience with Hot In-place Asphalt Recycling"

Stephen Yeo, Stephen Pigott and Mark Sherren

6. "Asphalt Re-Recycling"

Pavel Kriz, Bennett J. Tardiff, and Stephanie R. Sta Maria

7. "Development and Evaluation of a Non-Tracking Asphalt Emulsion For Tack Coats and Fog Seals"

Anton S. Kucharek, Michael Esenwa, Sina Varamini, Elijah Bickle, Alain Cormier, Matt Kennedy

8. "RAP Paving - BC MoTI Perspective"

Vipin Sharma, Lindsay Johnston, Bradd Hogg and Alan Schmidt

9. "Using Complex Modulus Test To Evaluate Moisture Damage of Hot Mix Asphalt With Glass Aggregates"

Éric Lachance-Tremblay, Michel Vaillancourt, and Daniel Perraton

10. "Investigation Into Temperature Sensitivity On AASHTO Back-Calculated Subgrade Resilient Modulus"

Bryan Palsat, Alan Reggin, and Marta Juhasz

Tuesday, Nov. 14th, 2017

Morning Session: 08:30

11. "Base asphalt variability: an opportunity for the development of innovative characterization approaches"

Frédéric Delfoss, Ivan Drouadaine, Sabine Largeaud, J-P Ponce and J. Rovani

12. "Innovative asphalt pavement structures of the Regina Bypass project"

M. Proteau, B. Pouteau, K. Berrada, S. LeBec, D. Heath

13. "Investigation on tensile strength of the Hot Mix Asphalt with inclusion of pulp aramid fiber (PAF)"

S. Saeed Saliani, Alan Carter, Hassan Baaj and Saeed Badeli

14. "Performance-based Asphalt mixture development process to optimize material durability and pavement design"

Jean-Martin Croteau, Ted Harrison, Simon Pianarosa, Laurent Brissaud and Curt Slawinsky

15. "Mixture Design and Field Experience of Red Hot Mix Asphalt on Bus Rapid Transit (BRT) Lanes in Ontario"

Sina Varamini, Michael Esenwa, Anton S. Kucharek, Susan L. Tighe, Mehran Kafi Farashah, and Trevor Moore

16. "Impacts of Flooding on Asphalt Pavements under Climate Change"

Donghui Lu, Susan L. Tighe, and Wei-Chau Xie

Tuesday, Nov. 14th, 2017

Contractor's Workshop Implementation of polymer modified asphalts

13:30 - 16:30.

Wednesday, Nov. 15th, 2017

Morning Session: 08:30

17. "Light Coloured Asphalt Pavement"

Ludomir Uzarowski, Rabiah Rizvi, and Steve Manolis

18. "Predicting HMA Fatigue Using the Double Edge Notched Tension Test and Multiple Stress Creep Recovery Test"

Mike Aurilio, Donn Bernal and Susan Tighe

19. "Detailed Evaluation of Select Highway Projects Rehabilitated with CIR in Alberta"

Vipin Sharma, Art Johnston, Chuck McMillan, Dominique Grell

Wednesday, Nov. 15th, 2017

Afternoon Session: 13:30

20. "Twelve-Year Performance Review of Bloomington Road (York Region Road 40) Rehabilitation using Cold-In-Place Recycling and a 6.7mm Fine Stone Mastic Asphalt"

Trevor Moore, Michael Esenwa, Sina Varamini, Anton S. Kucharek and Mehran Kafi Farashah

21. "A Review of Distress and Roughness Performance Models in Nova Scotia's Pavement Management System"

Mohamed Hegazi, Adam J. Marling and Leanne Whiteley-Lagace

22. "Measuring Cracking Resistance of Asphalt Mixtures Using Notched Samples in the Modified TSRST"

Tirupan Mandal, Hussain U. Bahia

Future Meetings

2018 - Regina, SK
2019 - Montreal, QC
2020 - Kelowna, BC

2017 CTAA Course

AN INTRODUCTION TO MODIFIED ASPHALT BINDERS

Sunday November 12, 2017

8:30 am to 12:00 pm

Workshop Fee of \$65.00 includes coffee break before session starts.

Presented by the Association of Modified Asphalt Producers.

The course will provide an introduction to asphalt modification including the chemistry of modifiers and asphalt cements. It will review types of polymers used and their effect on the binder characteristics. There will also be an overview of the use polymers to modify asphalt emulsions. The course will look at recommended handling (lay down) and plant operations when using modified asphalts and provide a brief overview of testing for modified asphalts. This course will provide insight for contractors, consultants, and agencies involved in the specifying, manufacturer and construction with modified asphalts.

Photos from Sunday Welcome Reception - *courtesy of Bill Marsh Photography*



2017 CTAA Scholarship Winners

Each winner will receive a scholarship of **\$2,000** to be used towards their continuing education. Because of the generous donations made over the years CTAA is now able to offer three scholarships. You can help future students to receive our scholarships by donating when you register for the conference or when you pay your dues.

Undergraduate Scholarship



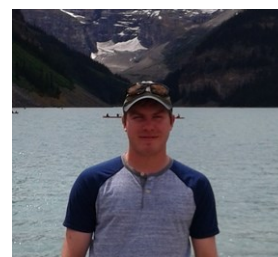
Blake Tabian
Lakehead University

Graduate Scholarship



Jennifer Penner
University of Saskatchewan

Applied Technology Scholarship



Jack Ready
Mohawk College

Information regarding our scholarships, eligibility and the application process can be viewed on our website. Members are asked to pass this information on to students they know or meet who are studying asphalt technology at the graduate, undergraduate or college level.

Delinquent (Lapsed) Members *(cont'd. from page 4)*

The big change and benefit is web updates will happen automatically as opposed to Head Office having to make manual changes to add or remove members' web access, which has been a time-consuming process.

Bottom line – keep your dues payments up to date and enjoy that paid up feeling!

CALL FOR PAPERS 2018

You will note that we have included a “**Call for Papers**” for the **2018** Conference with the Newsletter mailed out and have provided links in the electronic version. Please seriously consider committing to our program next year.

The timely submission of abstracts is critical to both assembling a quality program and allowing sufficient time for authors to prepare and submit their papers to the Editor by the required date. Your cooperation in meeting the deadline below is certainly appreciated by the Board, the Technical Program Committee and the Editor.

IMPORTANT DATES

Abstract Submission	February 12, 2018
Notification of Abstract Status	March 5, 2018
Full Paper Submitted to Program Committee	May 31, 2018

Tentative CUPGA Program

CUPGA 2017 WORKSHOP PROGRAM *Sunday, November 12, 2017*

- 12:00** **Lunch and Networking**
- 13:00** **Welcome & Introduction:**
Rielle Haichert, CUPGA Chair
- 13:10** **Cutting Edge Innovations in Asphalt Technology'**
Session Chair: Selena Lavorato, CUPGA 2nd Vice
Reports from Regional Directors (10 minutes each)
British Columbia - Jason Herring
Alberta - Roman Stefaniw
Prairies Provinces & Territories - Rielle Haichert
Ontario - Michael Esenwa
Québec - Véronique Szabo
Atlantic - Ryan Clark
- 14:15** **Refreshments and Networking Break**
- 14:30** **Technology Updates from Eastern Canada** (20 minute presentation, 10 minute discussion each)
Session Chair: Frank Liu, CUPGA 3rd Vice
♦ Macdonald Bridge Panel Replacement
♦ Epoxy Asphalt, Macdonald Bridge Surfacing
♦ The Implication and Application of MSCR
- 16:00** **Closing Comments**
Chris Dechkoff, Incoming CUPGA Chair
Introduction of next year's CUPGA Executive