

Tentative 2019 CTAA Conference Program
(Abstracts can be reviewed from the Conference Page)

Monday Nov 25, 2019

Morning Session 10:00 (following AGM)

1. **Development and Field Experience of Performance-Based Low Permeability Asphalt Mixture Used to Overlay Bridge Decks** *Sina Varamini, Michael Esenwa, Anton S. Kucharek, Matthew Kennedy*
2. **Design and Field Performance of Cold Constructed Asphalt Pavements (CCAP) with Gelled Asphalts** *Jason Wielinski, Sina Varamini, Michael Esenwa, Herb Wissel, Anton S. Kucharek*
3. **Testing Tack Coat Materials for Curing, Tracking and Bond Strength** *Hussain Bahia, Abu Sufian, M. Z. Rahaman, D. Swiertz*
4. **Development of a performance-based overlay asphalt mixture for usage in a low-budget pavement management system** *Sina varamini, Michael Esenwa, Anton S. Kucharek, Joe Masi, Tytus Zurawski*

Monday Nov 25, 2019

Afternoon Session: 13:30

5. **THE EFFECTS OF FREEZE-THAW CYCLES AND DEICER SALT ON THE DURABILITY OF RECYCLED ASPHALT MIXTURES** *Shahab Moeini, Xiomara Sanchez and Bruce Wilson*
6. **Laboratory Investigation of the Characteristics of Rejuvenated Asphalt Binder** *Heena Dhasmana, Kamal Hossain, Ahmet A. Sarakas*
7. **Calgary Stampede Post-Flood Pavement Assessment & Rehabilitation - 5 years later** *Lindsay Johnston, Jadon Pickett, Mike Sharp, Vipin Sharma*
8. **Experimental Evaluation of Biodegradable Asphalt Release Agents in Canada** *Pezhouhan Tavassoti-Kheiry, Peter Mikhailenko; Hassan Baaj; Lise Eamer*
9. **Pavement Evaluation of Highway 97 to Determine Causes of Premature Failure** *Vipin Sharma, Christian Babuin; Alan Schmidt*

Student Poster Session, Monday: 16:30

The student poster session will take place immediately following the Technical Session Monday afternoon.

Tuesday Nov 26, 2019

Morning Session: 8:30

10. **Influence of aggregate mineralogy and testing conditions on water damage resistance evaluation of pavement materials** *Frédéric DELFOSSE, Justine Vinet, Vincent Gaudefroy, Emmanuel Chailleux, Everett Crews*
11. **Using fine aggregate matrix testing to investigate fatigue performance of asphalt mixtures containing reclaimed asphalt pavement** *Mohamed Elkashef, Liya Jiao, David Jones, John Harvey*
12. **Flexible Asphalt Warm Mix for Rural Roads in Canada - Laboratory Results and Case Studies** *Saeed Badeli, Ehsan Solatiyan, Alan Carter*
13. **High performance flexible asphalt pavement for industrial sites** *Marc Proteau, Amélie Griggio, Kamal Berrada*
14. **Longitudinal top-down cracking - Asphalt Overlays Case Study** *Olivier Sylvestre, Martin Lavoie*

15. **Superpave5: Effect of In-Place Air Voids on Asphalt Mixture Performance**

Gerald Huber, Jason Wielinski, Matthew Beeson

Tuesday Nov 26, 2019

Afternoon Session: 13:30

Contractor's Workshop

“Performance Mix designs”

Wednesday Nov 27, 2019

Morning Session: 8:30

16. **Survival Curves - Trends in Rut depth, IRI, and Pavement Deterioration Index of British Columbia Highway Asphalt Pavements** *John Laxdal, Babak Arjmandi, Manoj Jogi, Todd Nakazawa*
17. **MTO's Experience with Post-Production Asphalt Mixture Performance Testing** *Imran Bashir, Danial Ahmed, Seyed Tabib, and Pamela Marks*
18. **Retour d'expérience sur les traitements de surface (enduits superficiels) québécois à base d'une émulsion anionique de type HFMS-2** *Stéphane Trudeau, Frédéric Leblanc, Jean-Martin Croteau*
19. **Evaluation of Oxidative Aging of Asphalt Recovered from Plant Produced Asphalt Mixes** *Amma Wakefield, Susan L. Tighe, Vince Aurilio, John MacKay*
20. **Comparison of the aging tendencies for Canadian and Northern European asphalt binders** *Kristjan Lill, Karli Kontson, Ahmad Khan and Simon A.M. Hesp*

Wednesday Nov 27, 2019

Afternoon Session: 13:30

21. **Implementing Advanced Asphalt Technology at Winnipeg Airport for Major Rehabilitation of Runway 13-31** *Ludomir Uzarowski, Rabiah Rizvi, Andrew Curwain, Carmine Bello*
22. **THE ROLE OF BINDERS IN CRACKING RESISTANCE OF MIXTURES MEASURED WITH THE IFIT PROCEDURE** *Hussain Bahia, Hui Chen, Yuan Zhang*
23. **Determination of the Field Calibration Coefficient (kc) of a High Modulus Asphalt (HMA) for Cold Regions** *Samuel Proteau Gervais, Marc Proteau, Daniel Perraton, Sébastien Lamothe*
24. **Research on Algorithm of Loose Asphalt Mixture Aggregate Distribution Uniformity** *Wei Yu, Susan Tighe, Naixing Liang*
25. **Application of Nano-Sized Materials in Asphalt Pavements** *Thomas Johnson, Leila Hashemian, Sidharth Parta, Azar Shabani*
26. **Comparison of fatigue's law parameters using 2 points bending flexion and Tensile/compressive tests** *Mohamed Mounir Boussabnia, Daniel Perraton, Sébastien Lamothe, Hervé Di Benedetto, Marc Proteau, Bertrand Pouteau*