Note, the actual days will be assigned near the end of July. See website for full Abstracts.

1. Impact of silo storage on cracking and rutting resistance of plant mixes with high reclaimed asphalt pavement content and rejuvenators
   Mohamed Elkashef, John T. Harvey, Liya Jiao, David Jones

2. A simple binder specification tweak to promote best performers
   Pavel Kriz, John A. Noël

3. Asphaltene-Modified Binders for High Modulus Asphalt Concrete Applications
   Leila Hashemian, Amirhossein Ghasemirad, Nura Bala

4. Study of Oxidative and Thermoreversible Aging Effects on Rheological and Failure Properties of Albertan Oil Sands-Derived, Polish, and Venezuelan Asphalt Binders
   Lindsay May Young, Chanaka Nawarthna, Ahmad Nawaz Khan, Simon A.M. Hesp

5. Comparing the Ability of Different Tests and Rheological Indices to Evaluate the Cracking Resistance of Polymer Modified Asphalt Binders
   Mike Aurilio, Pejoohan Tavasotti, Hassan Baaj

6. Performance Evaluation of Soybean Oil Derived Additives used in Penetrating Fog Seal for Brittle HMA
   Maxwell D. Staver, Joseph H. Podolsky, R. Chris Williams

7. High-Performance Pavements: A focus on self-healing asphalt technologies
   Roberto Aurilio, Mike Aurilio, Hassan Baaj

8. The evaluation of low-temperature cracking resistance of asphalt mixes in Ontario by conducting Disk-shaped Compact Tension (DC(T)) and Semi-Circular Bend (SCB) tests
   Saeid Salehi-Ashani, Susan L. Tighe

   Taylor Lefebre, Steven Manolis, Selena Lavorato, Porfirio Gutierrez Vela, Yashar Azimi Alamdry

10. Evaluation of Asphalt Emulsion Stabilized Base Course Modified using Asphaltene
    Leila Hashemian, Farshad Kamran, Nura Bala

11. Impact of Asphaltene Addition on Performance-Based Rheological and Failure Properties of Alberta Oil Sands-Derived Asphalt Binders
    Ahmad Nawaz Khan, Ahmad Nawaz Khan, Cynthia Lemaitre, Simon A.M. Hesp

12. Investigation of Asphalt Properties for Good Performing Pavements in Ontario
    Sayna Yaghooby Namin, Saeid Salehi-Ashani, Imran Bashir, Seyed Tabib, Gelu Vasiliu

13. Using Rejuvenating Agents to Improve Hot Mix Asphalt Incorporating Reclaimed Asphalt Pavement (RAP)
    Vince Aurilio, Kamal Hossain & Rayhan Bin Ahmed
14. MSCR Impact on Performances: Laboratory Results and Case Studies
   Eric Lachance-Tremblay, Daniel Bissonnette, Marc-Olivier Denis

15. MTO's Experience with Post-Production Asphalt Mixture Performance Testing
   Imran Bashir

CONTRACTORS WORKSHOP – IN-PLACE RECYCLING

(Note – timing of Contractor’s workshop will be similar as previous years (i.e. afternoon of second day of technical presentations). – exact timing will be determined near the end of July.

16. Ranking Quality and Performance of Asphalt Binders and Mixes with Various Material Parameters
   Amma Wakefield, Susan Tighe

17. Evaluation of Several Asphalt Binder Parameters Related to Fatigue and Non-Load Related Pavement Failure
   Anton S. Kucharek, Sina Varamini

18. Performance of alternative crosslinking systems in polymer modified asphalt blends and paving mixes
   Martin Jasso, Brett Lambden, Darren Anweiler

19. Investigation of the adhesion properties of blended bituminous emulsion on flexible pavements
   Nidaa Al-Allak, Alan Carter, Cesare Sangirogi

20. Effect of Bio Based Binder on the Rheological Properties of Asphalt Mix
   Xiomara Sanchez, Heena Dhasmana

21. Studies on the premature cracking of asphalt pavement in the region of Bas-St-Laurent and Gaspesie in Quebec
   Martin Lavoie, Jeffrey Young and Christine Duchesne

22. Alberta Case Study - Highway 9 Premature Pavement Failures Caused by Moisture Induced Damage of the Asphalt Pavement
   Vipin Sharma, Art Johnston, Cong Luo, Wayne Mah

23. GHG Emissions for Asphalt Paving Decision Making
   Wayne Mah, Kimberley Edmunds, Marta Juhasz

24. Effects of alternate aging methods on neat and blended asphalt binders
   John A. Noël, Pavel Kriz; M. Rezwan Quddus

25. Characteristics of Utility Cuts and Their Impacts on Pavement Serviceability in the City of Saskatoon
   Bryan Palsat, Art Johnston, Qingfan Liu, Alan Reggin, Braden Jago

26. Comparison of fatigue law parameters using Four-point bending (4PB) and Tensile-Compressive (TC) tests
   Mohamed Mounir Boussabnia, Daniel Perraton, Sébastien Lamothe, Hervé Di Benedetto, Marc Proteau, Bertrand Pouteau