



Airfield Operations Conference & Equipment Expo

September 18-21, 2017 Halifax, Nova Scotia Canada

Monday, September 18, 2017

07:30 - 16:30

CAPTG Workshop (\$210) - How to Design Sustainability into Airfield Pavements
Atlantic Ballroom

19:00 - 21:00

Welcome Reception (Cash bar. Complimentary hors d'oeuvres)
Via Train Station

19:00 - 21:00

Registration
Commonwealth Ballroom Foyer

Tuesday, September 19, 2017

07:00 - 08:30

Exhibitor breakfast meeting & presentation
loading
Harbour Suites Room

0800

Coffee, tea & juice available
Commonwealth Ballroom Foyer

08:30 - 09:00

Opening Remarks / Greetings from Paul Baxter, COO, HIAA
Commonwealth Ballroom
Moderator: Jeff MacMillan, Halifax International Airport Authority

09:00 - 09:45

Leadership During Emergency Events - Chicago Fire Department Response to AA Flight 383
Commonwealth Ballroom
Bill Lonergan, Deputy Commissioner, Chicago Department of Aviation
Moderator: Jeff MacMillan, Halifax International Airport Authority

09:45 - 10:30

Leadership During Emergency Events - Managing Multiple or Rapidly Expanding Events
Commonwealth Ballroom

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| | Dave Cunningham, Assistant Director of Operations, Denver International Airport Moderator: Jeff MacMillan, Halifax International Airport Authority | | |
| 10:30 - 11:00 | <i>Networking Break</i> Commonwealth Ballroom Foyer | | |
| 11:00 - 13:00 | <i>Lunch & Exhibitor Introductions</i> Commonwealth Ballroom Moderator: Mike Carlson, Assistant Director of Operations - Airside, Denver International Airport | | |
| 1300-1330 | <i>Coffee, tea & soft drinks available</i> No location | | |
| 13:30 - 14:15 | Airport Wildlife Management and the Technology Revolution Commonwealth A David Bradbeer, Wildlife Coordinator, Vancouver Airport Authority John Ostrom, Manager, Airside Operations, Metropolitan Airports Commission Moderator: Jeff Mattson, Metropolitan Airports Commission | Transport Canada, Regulations, Standards and Advisory Circulars Update Commonwealth B Guy Heneault, Program Manager, Aerodrome Standards division, Transport Canada Moderator: Steve McKeown, Team Eagle | Climate Change Impacts on Canadian Airports Atlantic Ballroom Dr. Susan Tighe, Norman McLeod Professor in Sustainable Pavement Engineering, University of Waterloo Moderator: Chris Stewart |
| 14:15 - 15:00 | The Role of Mechanization in Aerodrome Habitat Management Commonwealth A Peter Van Mispelaar, Commercial Director, Trilo Moderator: Kimberley Hobbs, Calgary Airport Authority | Catalytic Oxidation of Aircraft Carbon Brakes Related to Chemicals Used on Runways Commonwealth B Speaker: Donald Desrosiers, Director Airport Infrastructures, Aéroport de Montréal Moderator: Donald Desrosiers, Director Airport Infrastructures, Aéroport de Montréal Marc Mario Tremblay, UQAC Anti-icing Materials International Laboratory AMIL | Comparisons of Flooding Impacts on Asphalt and Concrete Airfield Pavements under Climate Change Atlantic Ballroom Donghui Lu, PhD Candidate, University of Waterloo Moderator: Chris Stewart |
| 15:00 - 15:30 | <i>Coffee, tea & soft drinks available</i> Commonwealth Ballroom Foyer | | |
| 15:30 - 16:15 | Pavement Management as a Capital Planning Tool Commonwealth A Chris Olidis, Principal Engineer, Applied Research Associates, Inc Moderator: Paul Cudmore, Team Eagle | Right Sizing Your Snow Fleet through a Realistic Snow Plan Commonwealth B Henry Oberholster, Associate Director Energy and Utilities, GTAA Moderator: Kevin Lacey, Associate Director Airfield Operations, Greater Toronto Airports Authority | Impact of Climate Change on Airfield Structures in Permafrost Regions Atlantic Ballroom Drew Dutton, MSc Candidate - Civil Engineering, University of Waterloo Moderator: Chris Stewart |
| 16:15 - 17:00 | Asset Stewardship: Approaches to Managing Asset Lifecycles. Integration, Maintenance & Replacement Commonwealth A | ACAP Equipment Applications Commonwealth B Robert Tyrer, Director, Airport Operations, Greater Sudbury Airport | CANCELLED Atlantic Ballroom John Clark, Project Engineer - Civil, Government of the Northwest Territories |

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| Paul Brean, Airport Director, Pease Development Authority Moderator: Neil Pritchard, Head of Airside Strategy & Development, Heathrow Airport | Warren Walrond, National Manager - Airports Capital Assistance Program, Transport Canada Moderator: Steve McKeown, Team Eagle | Moderator: Chris Stewart |
| <i>Team Eagle Sponsored Customer Hospitality Night</i> Alexander Keith's Nova Scotia Brewery | | |

18:00 - 21:00

Wednesday, September 20, 2017

07:00 - 08:15

Complimentary buses depart Westin Lobby for Equipment Expo. Last bus 0815. Coffee available at airport.
Westin Lobby

08:30 - 09:00

What Lies Beneath: Identification and Mitigation of Moisture Damage (stripping) on Runway 08R-26L at Vancouver International Airport.
Atlantic Ballroom
Ken Fyvie, Senior Airfield Pavement Specialist, SNC Lavalin Inc.
Moderator: Guillaume Lemieux

09:00 - 09:30

Stringless Paving
Atlantic Ballroom
Gary Mitchell, Vice President, Airports, American Concrete Pavement Association
Moderator: Guillaume Lemieux

09:30 - 10:00

Refreshments
Atlantic Ballroom

10:00 - 10:30

Runway Grooving for Improved Braking Performance and Directional Control
Atlantic Ballroom
John Roberts, Executive Director, International Grooving & Grinding Association
John Depman, Senior Estimator, Penhall Company
Moderator: Guillaume Lemieux

10:30 - 11:30

Optimized Concrete Pavement Design
Atlantic Ballroom
Robert Rodden, Lead Engineer, PNA Construction Technologies
Moderator: Guillaume Lemieux

08:30 - 16:00

Equipment Expo

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| 11:30 - 12:45 | Halifax International Airport Authority, Combined Services Complex (CSC) <i>Complimentary Lunch (Sea-Hawgs Food Truck) & Demos</i> |
| 14:00 - 16:00 | Halifax International Airport Authority, Combined Services Complex (CSC) <i>Complimentary beer courtesy of Trecan & Airport Technologies</i> |
| 16:00 - 16:15 | Halifax International Airport Authority, Combined Services Complex (CSC) <i>Grand Prize Draws</i> |
| 16:00 - 16:30 | Halifax International Airport Authority, Combined Services Complex (CSC) Buses return to Westin; last bus 1630. |
| 17:00 | Halifax International Airport Authority, Combined Services Complex (CSC) <i>Free Night</i> Harbour Suites Room |

Thursday, September 21, 2017

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| 0800 | <i>Coffee, tea & juice available</i> No location | | |
| 08:30 - 09:15 | Forum: Best Maintenance Practices and Lessons Learned Commonwealth A Doug Francoeur, Director, Compliance and Safety, Calgary Airport Authority Rich Brannan, Assistant Director of Field Maintenance, Denver International Airport Moderator: Mike Carlson, Assistant Director of Operations - Airside, Denver International Airport | Sustainability Leadership Commonwealth B Russell Knight, Environmental Operations Manager, Heathrow Suzanne Davis-Hall, Director, Environment, Calgary Airport Authority Moderator: Kimberley Hobbs, Calgary Airport Authority | Airfield Pavement Smoothness Issues in Canada Atlantic Ballroom Mary Coyne, Project Manager, Edmonton Airports Ludomir Uzarowski, Principal, Pavement and Materials Engineer, Golder Associates Moderator: Marla Hughesman |
| 08:30 - 09:15 | | A Fatigue Risk Management System Case Study with Drowsiness Detection Technology Commonwealth B Jason Kumagai, Senior Human Factors Specialist, SIX Safety Systems Moderator: Kimberley Hobbs, Calgary Airport Authority | Innovative Evaluation and Design of Runway Pavement Rehabilitation Atlantic Ballroom Alain Duclos, Principal Pavement Engineer, Englobe Corp Moderator: Marla Hughesman |
| 10:00 - 10:30 | <i>Coffee, tea & soft drinks available</i> Commonwealth Ballroom Foyer | | |
| 10:30 - 11:15 | Safety Leadership Commonwealth A Moderator: Neil Pritchard, Head of Airside Strategy & Development, Heathrow Airport Steven Broom, Director of Safety, Health, Environment, Quality (SHEQ) and Training, Dyer & Butler | USAF Pavements Research and Development Commonwealth B Dr. Craig Rutland, Pavements Subject Matter Expert, US Air Force Civil Engineer Center | Comparison of Test Methods to Determine Unpaved Runway Atlantic Ballroom Drew Dutton, MASc Candidate - Civil Engineering, University of Waterloo Moderator: Marla Hughesman |
| 11:15 - 12:00 | Managing Safety is NO Accident / A | Taking ADS-B to the Next Level | Halifax Airport Pavement Management |

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| | Safe Pair of Hands Commonwealth A Neil Pritchard, Head of Airside Strategy & Development, Heathrow Airport | Commonwealth B Rudy Kellar, Executive Vice President, Service Delivery, NAV Canada | System Implementation Atlantic Ballroom Leanne Whiteley-Lagace, Senior Pavement Management Engineer, Stantec Consulting Moderator: Marla Hughesman |
| 12:00 - 13:30 | <i>Lunch - ON YOUR OWN</i> Harbour Suites Room | | |
| 13:30 - 14:15 | Topical Global Reporting Format Runway Condition Reporting Discussions Commonwealth Ballroom Moderator: Steve McKeown, Team Eagle Michael Thornley, Aerodromes Standards Inspector, Transport Canada Guy Heneault, Program Manager, Aerodrome Standards division, Transport Canada Charles Enders, FAA Aviation Safety Inspector-Project lead on TALPA Implementation Project, FAA | | Rapid Airfield Repair Using Precast Concrete Pavement Atlantic Ballroom Chris Olidis, Principal Engineer, Applied Research Associates, Inc Moderator: George Nowak |
| 13:30 - 14:15 | | | Rehabilitation of Runway 05-23 at Toronto Pearson International Atlantic Ballroom Kevin Chee, Senior Engineer, Airside Civil, GTAA Jessica Hernandez, Director, Soil & Materials Engineering – GTA Office, Englobe Corp. Moderator: George Nowak |
| 15:00 - 15:30 | <i>Coffee, tea & soft drinks available</i> Commonwealth Ballroom Foyer | | |
| 15:30 - 16:15 | Topical Global Reporting Format Runway Condition Reporting Discussions (cont'd) Commonwealth Ballroom Moderator: Steve McKeown, Team Eagle John Gadzinski, President, Four Winds Aerospace Safety Michael Thornley, Aerodromes Standards Inspector, Transport Canada Guy Heneault, Program Manager, Aerodrome Standards division, Transport Canada Dr. Logan Jones, Runway Safety Specialist, Airbus | | Innovative Airport Asphalt Mixes Atlantic Ballroom Ludomir Uzarowski, Principal, Pavement and Materials Engineer, Golder Associates Moderator: George Nowak |
| 15:30 - 16:15 | | | Wabush Airport Parallel Taxiway and Apron Expansion Atlantic Ballroom Maurice Best, Senior Associate, Stantec Consulting Moderator: George Nowak |
| 18:00 - 19:00 | <i>Cocktails (cash bar) & Networking</i> Commonwealth Ballroom Foyer | | |
| 19:00 - 20:15 | <i>Dinner</i> Commonwealth Ballroom | | |
| 20:15 - 21:00 | Keynote Address - Lessons on Leadership Commonwealth Ballroom Major-General (Ret'd) Lewis MacKenzie | | |

21:00 - 22:00

Closing Remarks / Networking
Commonwealth Ballroom