## 2018 TAC Conference & Exhibition
### Preliminary Technical Program
TCU Place, Saskatoon, SK

### MONDAY, OCTOBER 1

#### TAC Opening Plenary
09:00-11:00; Grand Salon

#### W. H. Yeates Exhibition open w/ Refreshment Break
11:00-12:00; Regal A & B

### Lunch
12:00-13:30; Grand Salon

<table>
<thead>
<tr>
<th>ROOM LEVEL</th>
<th>Blair Nelson</th>
<th>Salon A</th>
<th>Gallery Suite I</th>
<th>Gallery Suite II</th>
<th>Gallery A</th>
<th>Gallery C</th>
<th>Gallery D</th>
<th>Centennial Hall A</th>
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### POSTER SESSION
(Gallery Foyer)

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<th>ROOM LEVEL</th>
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### LEGEND

- AMTF: Asset Management Task Force
- CA-VTF: Connected & Automated Vehicle Task Force
- CN-CIRA: CN-CIRA Governing Task Force
- EHRDC: Education & Human Resources Development Council
- EALS: Environmental Advisory and Legislation Standing Committee
- EC: Environment Council
- GDSC: Geometric Design Standing Committee
- IC-C: Integrated Committee on Climate Change
- ICSC: Integrated Committee on Standards & Certification
- MCSC: Maintenance & Construction Standing Committee
- PVSC: Pavements Standing Committee
- PUMS: Public Utilities Management Subcommittee
- RRSC: Road Safety Standing Committee
- SMFT: Small Municipalities Task Force
- STSC: Sustainable Transportation Standing Committee
- TC-MSC: Traffic Operations & Management Standing Committee
- TFSC: Transportation Finance Standing Committee
- TPRSC: Transportation Planning & Research Standing Committee
- STSC: Sustainable Transportation Standing Committee
- TC-MSC: Traffic Operations & Management Standing Committee
- TFSC: Transportation Finance Standing Committee
- TPRSC: Transportation Planning & Research Standing Committee
- PUMS: Public Utilities Management Subcommittee
- French presentations and simultaneous interpretation

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Last edited June 4, 2018
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<th>ROOM LEVEL</th>
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### 08:30 - 10:00
- Federal Environmental Legislation Updates: Do you know your New Responsibilities? EALSC
- Utility Risk on Transportation Projects PUMS
- Testing and Modeling of Road and Embankment Materials (B) SMSC
- Innovation and Technology in Summer and Winter Maintenance: Evolving Transportation MCSIC
- Structures (B) SSC
- Emerging Issues in Urban Transportation: Can New Mobility Solve Transit's First and Last-Mile Challenge? STSC
- Safe Systems Approach to Road Safety RSSC
- High School Outreach EHRDC
- Human Factors Consideration and Safety Performance of New Pedestrian and Bicycle Infrastructure RSSC
- Innovations in Transportation Asset(s) Data Collection AMTF

### 10:00 - 10:30
- 30-MINUTE REFRESHMENT BREAK (Exhibition Hall, Regal A & B)

### 10:30 - 12:00
- Confd
- Confd
- Confd
- Confd
- Best Practices in Urban Transportation Planning (A) TPRSIC
- Confd
- Confd
- Confd
- Confd

### 13:00 - 13:30
- LUNCH (Grand Salon)

### 13:45 - 15:15
- 2018 TAC Environmental Achievement Award Finalists EC
- Innovations in Pavement Management, Engineering and Technologies (B) PVSC
- Green Technology in Geotechnical and Materials Engineering SMSC
- Climate Change Adaptation and Mitigation Solutions for Transportation Design and Construction ICOC
- 2018 TAC Sustainable Urban Transportation Award Finalists STSC
- Best Practices in Urban Transportation Planning (B) TPRSIC
- Vision Zero RSSC
- High School Outreach EHRDC
- Confd
- Building for the Future: Construction Management and Expertise EHRDC
- Transportation in the 21st Century: Riding on Bits and Bytes TOMSC, CAVTF

### 15:15 - 15:45
- 30-MINUTE REFRESHMENT BREAK (Exhibition Hall, Regal A & B)

### 15:45 - 17:15
- Confd
- Confd
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- Confd
- Confd
- Post-Secondary Student Day Session EHRDC
- Small Municipalities: Innovative Transportation Solutions to Enhance Sustainability STSC, SMIF
- Use of Emerging Technology to Measure Safety RSSC

**LEGEND**
- AMTF: Asset Management Task Force
- EALSC: Environmental Advisory and Legislation Standing Committee
- EC: Environment Council
- GDSC: Geometric Design Standing Committee
- ICCC: Integrated Committee on Climate Change
- MCSIC: Maintenance & Construction Standing Committee
- POSC: Pavements Standing Committee
- TFSC: Transportation Finance Standing Committee
- TPRSC: Transportation Planning & Research Standing Committee
- TUMSC: Traffic Operations & Management Standing Committee
- EHRDC: Education & Human Resources Development Council
- EALSC: Environmental Advisory and Legislation Standing Committee
- PVSC: Pavements Standing Committee Panel Discussions
- TFSC: Transportation Finance Standing Committee Workshops
- RSSC: Road Safety Standing Committee French presentations and simultaneous interpretation

**ROOM LEVEL**
- Blair Nelson
- Upper Level
- Gallery Suite I
- Main Level
- Gallery Suite II
- Main Level
- Gallery A
- Main Level
- Gallery B
- Main Level
- Gallery C
- Main Level
- Gallery D
- Main Level
- Centennial Hall B
- Lower Level
- Centennial Hall C
- Lower Level
- West Room
- Lower Level

**SESSIONS**
- POSTER SESSION (Gallery Foyer)
- 30-MINUTE REFRESHMENT BREAK (Exhibition Hall, Regal A & B)
- LUNCH (Grand Salon)
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<tbody>
<tr>
<td>BLAIR NELSON Upper Level</td>
<td>Invasive Species Management: Innovative Approaches and Technologies EC</td>
<td>Cycling Solutions: Improving Cycling Infrastructure STSC</td>
<td>Goods Movement TPRSC</td>
<td>Carbon 101: GHG Emission Measurements ICCC</td>
<td>Innovation in Geotechnical Materials and Engineering (A) SMISC</td>
<td>Desiging Streets for all Road Users (A) RISSC</td>
<td>General Issues in Road Safety (B) RISSC</td>
<td>Pavement Preservation PVSC</td>
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<td>Retiring Soon? What's Next in your Career? EHRDC</td>
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<td>Pricing Transportation for Sustainable Mobility: New Thinking in Transit, Roads, Parking and New Mobility TFSC</td>
<td>Innovation and Technology in Road Construction: Evolving Transportation (B) MCSC</td>
<td>Innovative Traffic Control TOMSC</td>
<td>Innovations in Pavement Design Software: State of the Practice PVSC</td>
<td>Innovation in Geotechnical Materials and Engineering (B) SMISC</td>
<td>Desiging Streets for all Road Users (B) RISSC</td>
<td>2018 TAC Road Safety Engineering Award Finalists RISSC</td>
<td>Innovations in Environmental Technologies EC</td>
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<td>Roundabout Challenges in Design to Operations GDSC</td>
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<td>Planning and Designing Roads for Smart Cities CAVTF</td>
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**LEGEND**

- AMTP: Asset Management Task Force
- CAVTF: Connected & Automated Vehicle Task Force
- CNC-WRA: CNC-WRA Governing Task Force
- EHRC: Education & Human Resources Development Council
- EALSC: Environmental Advisory and Legislation Standing Committee
- EC: Environment Council
- GDSC: Geometric Design Standing Committee
- ICCC: Integrated Committee on Climate Change
- MCSC: Maintenance & Construction Standing Committee
- PVSC: Pavements Standing Committee
- PLMS: Public Utilities Management Subcommittee
- RISSC: Road Safety Standing Committee
- SMISC: Soils & Materials Standing Committee
- SSC: Structures Standing Committee
- STSC: Sustainable Transportation Standing Committee
- TPRSC: Transportation Planning & Research Standing Committee
- TFSC: Transportation Finance Standing Committee
- TPRSC: Transportation Planning & Research Standing Committee
- TOMSC: Traffic Operations & Management Standing Committee
- TRSC: Training, Research and Standards Standing Committee

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**ROOM LEVEL**
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**WEDNESDAY, OCTOBER 3, 2018**

**9:00 AM - 12:00 PM**
- **Invasive Species Management:** Innovative Approaches and Technologies
- **Cycling Solutions:** Improving Cycling Infrastructure
- **Goods Movement**
- **Carbon 101:** GHG Emission Measurements
- **Innovation in Geotechnical Materials and Engineering (A)**
- **Desiging Streets for all Road Users (A)**
- **General Issues in Road Safety (B)**
- **Pavement Preservation**
- **AVs: The Death of Public Transit and the Re-emergence of Urban Sprawl A Debate**

**12:00 PM - 1:00 PM**
- **LUNCH (Grand Salon)**

**1:00 PM - 2:00 PM**
- **Pricing Transportation for Sustainable Mobility:** New Thinking in Transit, Roads, Parking and New Mobility
- **Innovation and Technology in Road Construction:** Evolving Transportation (B)
- **Innovative Traffic Control**
- **Innovations in Pavement Design Software:** State of the Practice
- **Innovation in Geotechnical Materials and Engineering (B)**
- **Desiging Streets for all Road Users (B)**
- **2018 TAC Road Safety Engineering Award Finalists**
- **Innovations in Environmental Technologies**

**2:00 PM - 3:00 PM**
- **Roundabout Challenges in Design to Operations**

**3:00 PM - 4:00 PM**
- **Planning and Designing Roads for Smart Cities**

**7:30 AM - 8:30 AM**
- **Stretch your legs**

**8:30 AM - 9:30 AM**
- **Invasive Species Management:** Innovative Approaches and Technologies
- **Cycling Solutions:** Improving Cycling Infrastructure
- **Goods Movement**
- **Carbon 101:** GHG Emission Measurements
- **Innovation in Geotechnical Materials and Engineering (A)**
- **Desiging Streets for all Road Users (A)**
- **General Issues in Road Safety (B)**
- **Pavement Preservation**

**9:00 AM - 9:30 AM**
- **Innovations in Environmental Technologies**
- **CAV Information Platforms and Human Resource Needs**

**9:30 AM - 10:30 AM**
- **AVs: The Death of Public Transit and the Re-emergence of Urban Sprawl A Debate**

**10:30 AM - 11:00 AM**
- **Retiring Soon? What's Next in your Career?**

**11:00 AM - 12:00 PM**
- **LUNCH (Grand Salon)**

**12:00 PM - 1:00 PM**
- **Pricing Transportation for Sustainable Mobility:** New Thinking in Transit, Roads, Parking and New Mobility
- **Innovation and Technology in Road Construction:** Evolving Transportation (B)
- **Innovative Traffic Control**
- **Innovations in Pavement Design Software:** State of the Practice
- **Innovation in Geotechnical Materials and Engineering (B)**
- **Desiging Streets for all Road Users (B)**
- **2018 TAC Road Safety Engineering Award Finalists**
- **Innovations in Environmental Technologies**

**1:00 PM - 2:00 PM**
- **Roundabout Challenges in Design to Operations**

**2:00 PM - 3:00 PM**
- **Planning and Designing Roads for Smart Cities**

**3:00 PM - 4:00 PM**
- **Stretch your legs**

**4:00 PM - 5:00 PM**
- **Invasive Species Management:** Innovative Approaches and Technologies
- **Cycling Solutions:** Improving Cycling Infrastructure
- **Goods Movement**
- **Carbon 101:** GHG Emission Measurements
- **Innovation in Geotechnical Materials and Engineering (A)**
- **Desiging Streets for all Road Users (A)**
- **General Issues in Road Safety (B)**
- **Pavement Preservation**