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**May 9 2017 ITS Technology Workshop**  
**“Next Generation ITS – Are we ready?”**

City of Calgary, Roads: 2808 Spiller Road SE, Calgary, AB.  
North Tower, Basement. Street Parking available on Spiller Road.

Time	“NEXT GENERATION ITS – ARE WE READY?”
8:00 am – 9:15 am	<b>Exhibitor Set-up</b>
9:15 am – 9:35 am	<b>Registration and health snack</b>
9:35 am – 10:00 am	<b>Networking and Exhibition</b> <i>sponsored by</i> <a href="#">TSS-Transportation Simulation Systems</a>
10:00 am – 10:10 am	<b>Welcome</b> ITS Canada City of Calgary
10:10 am – 11:15 am	<b>Where are We Now? – Moderator Jonathan Darton, IBI Group</b> <ul style="list-style-type: none"><li>• <b>ACTIVE-AURORA Connected Vehicle Test bed</b> - Prof Dr. Tony Qiu, Centre for Smart Transportation</li><li>• <b>A Vision for ITS in Alberta</b> – Allan Lo, Alberta Transportation</li><li>• <b>Calgary's ITS Program</b> – Yeats Wong, City of Calgary</li></ul>
11:15 am – noon	<b>Industry for the Future – Moderator Steve Kay, City of Calgary</b> <ul style="list-style-type: none"><li>• <b>Technology to Improve Traffic Flow and Safety on Today's Roadways</b> - Redflex Traffic Systems</li><li>• <b>Future of Transportation Management Centres</b> - Jonathan Darton, IBI Group</li><li>• <b>Detection Technology, Big Data and Connected Vehicles in the Future</b> – Charles Whitfield, Trafficware</li></ul>
Noon – 1:00 pm	<b>Lunch</b> <i>sponsored by</i> <a href="#">Associated Engineering</a>  <b>Keynote Speaker: Creating a city wide sensor network... without installing sensors?</b> - Dr. R.J. Ferguson, Associate Professor, University of Calgary.  Dr. Ferguson reveals a breakthrough technology that has the potential to detect everything from sinkholes to traffic collisions, using existing city infrastructure.
1:00 pm – 1:40 pm	<b>Smart Infrastructure, Smart Cities – Moderator Gil Marques, Tacel</b> <ul style="list-style-type: none"><li>• <b>Preparing for Smart Cities Infrastructure</b> – Heather Reed-Fenske (City of Calgary, CIO)</li><li>• <b>Using Variable Speed Limits to Expand Capacity</b> – Nadia Moshahedi &amp; Karan Arora, University of Calgary</li></ul>



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Time	“NEXT GENERATION ITS – ARE WE READY?”
1:40 pm – 2:20 pm	<b>A National ITS Perspective</b> <ul style="list-style-type: none"><li>• <b><i>Next Gen ITS is coming to Canada. Are we ready?</i></b> - Barry Pekilis, Transport Canada</li><li>• <b><i>Cybersecurity, Privacy, and Trust for Connected Vehicles and Smart Roadway Infrastructure</i></b> - Ken Moshi, Transport Canada</li></ul>
2:20 pm – 3:00 pm	<b>Panel Discussion – Moderator Yeatland Wong, City of Calgary</b> <ul style="list-style-type: none"><li>- Chris Blaschuk, Transportation Strategy, City of Calgary</li><li>- Allan Lo, Alberta Transportation</li><li>- Heather Reed-Fenske, City of Calgary, CIO</li><li>- Barry Pekilis – Transport Canada (invited)</li></ul>
3:00 pm – 3:10 pm	<b>Summary and Conclusion</b>  ITS Canada and the City of Calgary
3:10 pm – 4:00 pm	<b>Networking and Exhibition</b> sponsored by <a href="#"><u>TSS-Transportation Simulation Systems</u></a>

**Sponsors:** [City of Calgary](#), [Associated Engineering](#), [TSS-Transportation Simulation Systems](#)

**Exhibitors:** [GGI Road & Traffic](#), [Tacel](#), [Electromega](#)

**Vehicle Showcase:** Electra Meccanica Solo – 3 wheel Electric Vehicle

**Organizing Committee:**

- Yeatland Wong, City of Calgary
- Gil Marques, Tacel
- Jeffrey Smart, Tacel
- Bruno Peters, IBI Group
- Janneke van der Zee, ITS Canada