

		LaSalle (A)	Loungueuil (B)	Fontaine C (C)	Fontaine D (D)	Fontaine E (E)	Fontaine F (F)	Fontaine G (G)	Fontaine H (H)	Fundy (I)	Fontaine A & B (P)	Salon Bonaventure et Terrace (Industry Track)
SUNDAY 18 September												
7:30-17:30		Registration (Inscription)										
8:30-17:00		Tutorials and Workshops (SEE SEPARATE PROGRAM)										
18:00-20:00		Welcome Reception (Salon Bonaventure)										
MONDAY 19 September												
7:30-17:30		Registration (Inscription)										
8:30-9:30		Welcome: Pierre Boucher and Fabrice Labeau, General Co-chairs, François Gagnon and Weihua Zhuang, TPC Chairs, Javier Gozalvez, VTS President (Ballroom Outremont-Westmount-Mount Royal-Hampstead-Cote St-Luc)										
9:30-10:30		Keynote: 5G Physical Layer: Technology Opportunities and Challenges , Reinaldo. A. Valenzuela Director, Communications Theory Research Dept. Bell Labs, Alcatel-Lucent										
10:30-11:00		Refreshments (Fontaine B)										
11:00-12:30	(1)	5G I	D2D I	TV White Space	Multiuser Detection	Vehicular Communications	OFDM	Resource Allocation I	MIMO I	WWRF Workshop: the Internet of Everything (Verdun)	Signal Transmission and Reception Posters I	Customer, Service and Network Design in 5G
12:30-14:00		Lunch (Ballroom: Outremont-Westmount-Mount Royal-Hampstead-Cote St-Luc)										
14:00-15:30	(2)	Small Cells	Cognitive Radio Networks	RF Systems and Design	Vehicular Networks - MAC	Radio Access	Optical and Visible Light Communication	Massive MIMO I	MathWorks Workshop: Wireless Design with MATLAB	WWRF Workshop: the Internet of Everything (Verdun)	Signal Transmission and Reception Posters II	5G Architecture: to Implementation
15:30-16:00		Refreshments & Exhibits (Fontaine B)										
16:00-17:30	(3)	Cooperative Communication I	Energy Harvesting and Efficiency	Blind Sensing	Green Wireless Networking I	Vehicular Networks - Network Layer	Heterogeneous Networks I	Modulation	Full-Duplex Communication	WWRF Workshop: the Internet of Everything (Verdun)	Signal Transmission and Reception Posters III	LTE Advanced Pro
18:00-21:30		VTC2016-Fall Banquet, Windsor Hotel										
TUESDAY 20 September												
7:30-17:30		Registration (Inscription)										
9:00-9:45		Keynote: Channels and systems for wireless communications in high-mobility environments , Andy Molisch, USC (Ballroom Outremont-Westmount-Mount Royal-Hampstead-Cote St-Luc)										
9:45-10:30		Keynote: Networked Society and 5G , Jaco du Plooy, Ericsson (Ballroom Outremont-Westmount-Mount Royal-Hampstead-Cote St-Luc)										
10:30-11:00		Refreshments & Exhibits (Fontaine B)										
11:00-12:30	(4)	Millimeter Wave Communication	LTE I	Positioning and Tracking I	Spectrum Sensing I	Network Security	SDN	Network Performance Evaluation	Wireless Power Transfer	Coding	Vehicular Networks Posters	Future Connected Vehicles: 5G vs. DSRC V2X
12:30-14:00		Awards Luncheon (Ballroom: Outremont-Westmount-Mount Royal-Hampstead-Cote St-Luc)										
14:00-15:30	(5)	Channel characterization	5G II	Spectrum Management I	Cooperative communication II	Positioning and Tracking II	Beamforming I	Non-orthogonal Multiple Access	Resource Allocation II		Wireless Networks Posters I	5G Broadcast Convergence / 5G for Vehicle IoT
15:30-16:00		Refreshments & Exhibits (Fontaine B)										
16:00-17:30	(6)	Multiuser MIMO	D2D II	Transmission Performance Analysis	Green Wireless Networking II	Vehicular Networks - Positioning	Content Distribution	Diversity	Routing		Wireless Networks Posters II	Mission-Critical 5G for Vehicle IoT
17:30-19:30		Young Professionals Publication Seminar (Ballroom Outremont-Westmount-Mount Royal-Hampstead-Cote St-Luc). Registration required - see https://meetings.vtools.ieee.org/m/41031										
18:00-20:00		Exclusive Reception for VTS Members										
WEDNESDAY 21 September												
7:30-17:30		Registration (Inscription)										
9:00-9:45		Keynote: Sustainable Spectrum Management for Vehicular Technology , Jean-Luc Berube, CRC (Ballroom Outremont-Westmount-Mount Royal-Hampstead-Cote St-Luc)										
9:45-10:30		Panel: Where is 5G Leading Us? Moderator: Charles Despins; Panelists: Håkan Andersson, Ericsson; Peiyang Zhu, Huawei										
10:30-11:00		Refreshments & Exhibits (Fontaine B)										
11:00-12:30	(7)	Full Duplex Systems	Channel modeling	Spectrum Sensing II	Energy Efficient Transmission	Cloud and Smart Grid	Vehicular Networks - Protocols	Vehicular Electronics and Machines	Cellular Networks	Positioning in Transportation	Multiple Antenna Systems & Cooperative Comms Posters	IoT/M2M integration & design in 5G: Service, Technology & Customers
12:30-14:00		Lunch (Ballroom: Outremont-Westmount-Mount Royal-Hampstead-Cote St-Luc)										
14:00-15:30	(8)	Massive MIMO II	Beamforming II	Spectrum Management II	Heterogeneous Networks II	M2M	LTE II	Vehicle Sensing and Perception	Resource Allocation III	Localization in Ad Hoc Networks	Radio Access Posters	Urban Mobility and Smart Cities
15:30-16:00		Refreshments (Fontaine B)										
16:00-17:30	(9)	5G III	Cooperative Communication III	Wideband Sensing	MIMO II	3D and Spatial Channel Modeling	Physical Layer Security	Vehicle Control for Traffic Safety	Vehicular Networks - Applications	Indoor Localization and Tracking		Unmanned Aerial Vehicles