

**SUMMIT HALL (ALL ORAL TRACKS)**

Space 2 (A)	Space 3 (B)	Space 4 (C)	Space 5 (D)	Space 6 (E)	Space 7-8 (F)	Space 9-10 (G)	Space 11-12 (H)	Space 1 (I)	Cook Room (POSTERS)
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**SUNDAY 20 September**

7:00-17:30	Registration (Explorer Hall Lobby Area)								
8:00-14:30	Tutorials: See separate program								
19:00-21:00	VTC / Portable Reception (Anchorage Hilton Hotel – Aleutian/Alaska Room)								

**MONDAY 21 September**

8:00-17:30	Registration (Explorer Hall Lobby Area)								
9:00-10:30	VTC2009-Fall Opening Plenary: William T. Morrow, CEO – Clearwire (LaPerouse Room)								
10:30-11:00	Coffee and Exhibits (Cook Room)								

11:00-12:30	(1)	Ad-hoc Networks	Green Radio I	OFDM I	Spectrum Sensing I	Diversity	Space-Time Coding	LTE I	Wireless Networks		Best Poster Paper (including voting by attendees)
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12:30-14:00	Lunch & Speaker: Papu Maniar, Motorola (LaPerouse Room)								
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14:00-15:30	(2)	Routing in Ad-hoc and Sensor Networks	MIMO Detection I	OFDM II	Spectrum Sensing II	Performance Analysis	Modeling and Propagation	LTE II	Relaying		Best Poster Paper (including voting by attendees)
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15:30-16:00	Coffee and Exhibits (Cook Room)								
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16:00-17:30	(3)	Media Access Control	MIMO Detection II	OFDM III	UWB and Interference Management	Cooperative Relay Networks	Channel Estimation in OFDM	Interference	Relaying in OFDM Networks		Best Poster Paper (including voting by attendees)
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18:00-19:30	Professors' Panel with Pizza – Chair: Professor William C.Y. Lee (LaPerouse Room)								
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**TUESDAY 22 September**

8:00-17:30	Registration (Explorer Hall Lobby Area)									
9:00 -10:30	(4)	Hall of Fame Induction Ceremony and IEEE VTS 60th Anniversary Panel (LaPerouse Room)								
10:30-11:00	Coffee and Exhibits (Cook Room)									

11:00-12:30	(5)	Wireless Networks	MIMO OFDM	Single Carrier Transmission	MIMO	Transportation Applications	Cooperative Communications I	Resource Allocation	Wireless Networks I		Antennas and Wireless Communication
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12:30-14:00	IEEE Vehicular Technology Society Awards Luncheon (LaPerouse Room)								
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14:00-15:30	(6)	Resource Management and MAC	MIMO Experimentation/ Measurements	CDMA	Power Efficiency	In-Vehicle Technology	Cooperative Communications II	OFDM	Wireless Networks II		Transmission Technologies
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15:30-16:00	Coffee and Exhibits (Cook Room)								
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16:00-17:30	(7)	Security and Applications	Multuser MIMO	MIMO	Satellite Systems	Vehicle Traffic Flow Management	Digital Modulation and Coding I	MIMO	Heterogeneous Wireless Networks		
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19:00-???	VTC2009-Fall Banquet (Anchorage Hilton Hotel – Aleutian/Alaska Room)								
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**WEDNESDAY 23 September**

8:00-17:30	Registration (Explorer Hall Lobby Area)										
9:00-10:30	(8)	Information Transfer and Gathering	Relaying	Resource Allocation in Cooperative Systems	Cognition	Physical Modeling	Digital Modulation and Coding II	Detection and Estimation	Performance Analysis	Mobile Applications	Wireless Networks and Systems

10:30-11:00	Coffee and Exhibits (Cook Room)								
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11:00-12:30	(9)	Estimation and Detection	Precoding and Beamforming	Transmission Technology I	Wireless Applications	Algorithms and Protocols	Cooperative Relaying I	Scheduling	Optimization	Power Control	
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12:30-14:00	Lunch (LaPerouse Room)								
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14:00-15:30	(10)	Lifetime and Scheduling Issues	Distributed Antenna Selection	Transmission Technology II	WPANs and Fading Channels	Applications	Cooperative Relaying II	Scheduling and Link Control	MIMO Systems and Antenna Selection	Green Radio II	
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15:30-16:00	Coffee and Exhibits (Cook Room)								
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16:00-17:30	(11)	Tracking and Range Estimation	Antenna Array	Iterative Processing	LTE and Outdoor Channels		UWB	Coexistence of Heterogeneous Systems	Wireless PANs	Routing and Mesh Networks	
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10:30-12:30

14:00-16:30

9:00-11:00

# Program-at-a-Glance for VTC2009-Fall Tutorials and Portable 2009

SUMMIT HALL (ALL ROOMS)						
	Space 2	Space 3	Space 4	Space 5	Space 13-14	
SUNDAY 20 September						
7:00-17:30	Registration (Explorer Hall Lobby Area)					7:00-17:30
08:00-9:30	<b>T1:</b> Advances in Multi-User OFDM and MC-CDMA Lajos Hanzo	<b>T2:</b> Cooperation Between Communication and Localization Systems Ronald Raulefs	<b>T3:</b> Multiuser MIMO Communications: From Theory to Standardization CANCELLED	<b>T7:</b> Predicted Dynamic Response of Portable Electronics to Shocks and Vibrations Ephraim Suhr		
9:30-10:00	Coffee Break (Lower Level Lobby)					
10:00-11:30	<b>T1:</b> Advances in Multi-User OFDM and MC-CDMA Lajos Hanzo	<b>T2:</b> Cooperation Between Communication and Localization Systems Ronald Raulefs	<b>T3:</b> Multiuser MIMO Communications: From Theory to Standardization CANCELLED	<b>T7:</b> Predicted Dynamic Response of Portable Electronics to Shocks and Vibrations Ephraim Suhr		
11:30-13:00	Lunch Break (no lunch provided)				<b>PORTABLE 2009</b>	
13:00-14:30	<b>T4:</b> Relays and Cooperative Communication Lajos Hanzo	<b>T5:</b> Vehicular Communications Standards, Protocols, Applications, and Technical and Business Challenges Rajeev Shorey	<b>T6:</b> Cross-Layer Optimization for Wireless Networks: Top-Down or Bottom-Up Design CANCELLED			<b>Keynote:</b> Seppo Hamalainen, Pochi Yeh, Claire Gu  13:00-14:15
14:30-15:00	Coffee Break (Lower Level Lobby)				<b>Oral Session:</b> Electrical Design I  14:15-15:00	
15:00-16:30	<b>T4:</b> Relays and Cooperative Communication Lajos Hanzo	<b>T5:</b> Vehicular Communications Standards, Protocols, Applications, and Technical and Business Challenges Rajeev Shorey	<b>T6:</b> Cross-Layer Optimization for Wireless Networks: Top-Down or Bottom-Up Design CANCELLED			Coffee Break (Lower Level Lobby)  15:00-15:30
MONDAY 21 September						
Registration (Explorer Hall Lobby Area)						
VTC2009-Fall Opening Plenary: William T. Morrow, CEO – Clearwire (LaPerouse Room)						
Coffee and Exhibits (Cook Room)						
					<b>Keynote:</b> Holly Cyrus (WIE)  11:00-12:30	
Lunch & Speaker: Papu Maniar, Motorola (LaPerouse Room)						
					<b>Oral Session:</b> Physical Design  14:00-15:30	
Coffee and Exhibits (Cook Room)						
					<b>Oral Session:</b> Reliability  16:00-17:30	