

WAVE Seminar Program

MARCH 11, 2010	
8:00 - 8:30	Check-in and Continental Breakfast
8:30 - 8:40	<i>Welcome:</i> Dr. Ed Bagale, Vice Chancellor Government Affairs, UM-Dearborn Dr. Steve Underwood, Director, CVPC/UM-Dearborn
8:40 - 9:00	<i>Opening:</i> Udi Naamani, Director, CVPC/UM-Dearborn Mobility Intelligence: Connected, Autonomous and Robotic (MI.CAR)
9:00 - 9:30	<i>Keynote Speaker:</i> TBA
SESSION 1: Government & Policy	
9:30 - 9:50	USDOT IntelliDriveSM program status report Walton Fehr, Research and Innovative Technology Administration, ITS Joint Program Office, US Department of Transportation
9:50 - 10:10	MDOT and AASHTO IntelliDriveSM programs status report Greg Krueger, ITS Technical Team Unit, Michigan Department of Transportation
10:10 – 10:30	DSRC radio standards and plans for certification Randal Roebuck, Certification Committee Private Sector Chair, OmniAir Consortium
10:30 - 10:45	COFFEE BREAK
	SESSION 2: Research Projects Track 1: Borg Auditorium (IAVS Building)
	SESSION 3: CVPC Programs Track 2: Room #2004 (IAVS Building, 2 nd floor)
10:45 – 11:15	UWB and WAVE technology for vehicle communication <i>Research Paper from WAVE2009/China:</i> Dr. Jun Yamada, Chief Technical Staff, Renesas technology Corp
	CVPC Center of Excellence approach Udi Naamani, Director, CVPC/UM-Dearborn CVPC Developers Program Randy Motyka, Engineering Manager, CVPC/UM-Dearborn
11:15 - 11:45	Security and Communication in Vehicular Ad Hoc Networks: issues and approaches <i>Research Paper from WAVE2009/China:</i> Rex Chen, University of California, Irvine & Di Ma, Associate Professor, UM-Dearborn
	CVPC Alliance Program John Cain, Alliance Manager, CVPC/UM-Dearborn
SESSION 4: Engagement Opportunities	
11:45 - 12:30	Sponsored Projects – what they are, where to find them, how to submit, why team up and the commercialization aspects of externally funded research projects Dr. John Cristiano, Director, Center for Engineering Education and Practice, UM-Dearborn
12:30 - 1:30	LUNCH Visit exhibits and demonstrations in the IAVS Building: CAR (QnX) , PUMA (GM) , Connected Vehicle (UM-Dearborn) , CVPC

WAVE Seminar Program (cont'd)

MARCH 11, 2010		
	SESSION 5: Case Studies Track 1: Borg Auditorium (IAVS Building)	SESSION 6: Developer's tools Track 2: Room #2025 (IAVS Building, 2 nd floor)
1:30 - 2:00	Secure Mobile Ad-Hoc Vehicular Networks Phil Ardire, CEO, Western DataCom	DSRC Sniffer Randal Roebuck, Director, Sirit Inc
2:00 - 2:30	Mobile Computing Application Platform (MCAP) project - motivations, challenges and accomplishments thus far Jim Parker, Director, US Army TARDEC	ASN.1 and LTE in IntelliDriveSM Alessandro Triglia, Senior Staff Member, OSS Nokalva
2:30 - 3:15	Accurate modeling and high performance simulation of wirelessly connected vehicles and urban traffic control infrastructure Dr. Graham Hellestrand, CEO, Embedded Systems Technology Group	The Connected Car: technologies and optimization strategies Patrick Shelly, Field Applications Engineer, QNX Software Systems
3:15 - 3:30	COFFEE BREAK	
	SESSION 7: National Strategy Initiative	
3:30 - 4:15	Autonomous Drive Connected Vehicle national strategy initiative Dr. Dave Thomas, Associate Director, US Army TARDEC	
4:15 - 5:00	Autonomous Drive Connected Vehicle national strategy initiative - Workgroup Session Dr. Dave Thomas, Associate. Director, US Army TARDEC Dr. Steve Underwood, Director, CVPC/UM-Dearborn	
5:00 - 5:30	<i>Closing Remarks:</i> TBA	

* All events are in the Borg Warner Auditorium unless otherwise noted.

** Breakfast and lunch included in registration fee.

*** Seminar program subject to change.