



**VERTICAL TAKE-OFF & LANDING PRECISION DELIVERY
UNMANNED AIRCRAFT SYSTEMS (UAS)
SYMPOSIUM AND TECHNICAL WORKSHOP**



Symposium Agenda - University of Maryland Alumni Center

Tuesday, 21st October 2014

Presentation Entitled

0730 - 0830	Registration Opens and Networking Breakfast	
0830 - 0845	WELCOMING REMARKS: Dean Darryll J. Pines, UMD <i>Dean and Professor of Aerospace Engineering at the A. James Clark School of Engineering</i>	
0845 - 0900	KEYNOTE: Mike Hirschberg <i>Executive Director of the American Helicopter Society</i>	<i>“Tackling the toughest technical challenges in UAS vertical flight”</i>
0900 - 1000	KEYNOTE: Earl Lawrence <i>FAA UAS Integration Office</i>	<i>“Implementation of the FAA Small UAS Rule Set”</i>
1000 - 1030	Network Break	
1030-1130	PRINCIPAL KEYNOTE: Dr. Nick Roy <i>Google X Project Wing</i>	<i>“The Age of Precision Home Delivery by Google”</i>
1130-1230	KEYNOTE: Dr. Vijay Kumar <i>UPS Foundation Professor,</i>	<i>“Precision UAS”</i>
1230-1400	Networking Lunch <i>Demonstrations from UMD Student and Vendor UAS</i>	
	Breakout Sessions	
1245-1315	<i>Dr. Tony Ngo, CEO IntelligentUAS</i>	<i>VTOL UAS Market Trends</i>
1315-1345	<i>Dr. John Langford, CEO Aurora Flight Sciences</i>	<i>UAS Sense and Avoid</i>
1400-1500	KEYNOTE: Dr. Parimal Kopardekar <i>Principal Investigator, Unmanned Aerial Systems Traffic Management - NASA Ames Research Center</i>	<i>“Development of a UAS Traffic Management System”</i>
1500-1600	PANEL DISCUSSION: Chair: Mike Toscano, CEO AUVSI <i>Dr. Nick Roy, Earl Lawrence, Dr. Parimal Kopardekar and Dr. John Langford</i>	<i>“Small UAS can be quickly integrated into National Airspace to stimulate economic growth UAS markets”</i>
1600-1630	Networking Break	
1630-1715	KEYNOTE: Rose Mooney <i>Director, Mid Atlantic Aviation Partnership (MAAP)</i>	<i>“The FAA Test Sites provide a gateway to the commercialization of UAS”</i>
1715-1730	CLOSING REMARKS: Dr. Inderjit Chopra <i>Director of Alfred Gessow Rotorcraft Center, UMD</i>	
1730-1930	Networking Reception <i>Demonstration from Google, UPenn, Aurora Precision UAS</i>	

