



HELMOT XVIII: *Transformational Technologies and Their Application to the Vertical Lift Battlespace*



October 24-25, 2018 | Hampton Roads Convention Center, Ballroom B & C

Wednesday, 24 October 2018

0700 – 1600	Registration/Exhibits Open	1300 – 1305	Session 2 Unmanned Operations: Tim Condon, Session Chair, US Army AMRDEC ADD, Tech Lead for Autonomy & Teaming
0700 – 0815	Coffee in the Exhibit Hall		
0815 – 0820	Welcome to HELMOT XVIII – Day 1 Marty Walsh, US Army AMRDEC ADD Associate Director for Mission Systems	1305 – 1335	SCORCH: A Supervisory Control Interface for the Employment of Multiple UAS in Manned-Unmanned Teaming Ops Dr. Grant Taylor, US Army AMRDEC ADD Engineering Research Psychologist
0820 – 0830	Vertical Flight Society (VFS) Update Mike Hirschberg, Executive Director, VFS		
0830 – 0900	Keynote Speaker: BG Walter T. Rugen, US Army Director, FVL Cross Functional Team	1335 – 1405	Autonomous Aerial Cargo/Utility Systems (AACUS) Dennis Baker, Office of Naval Research & Jason Jewell, Aurora Flight Sciences
0905 – 0915	Session 1 Unmanned Operations: Sara Condon, Session Chair, US Army AMRDEC ADD, Tech Lead for Avionics & Networks	1405 – 1435	Architecture Driven Product Line Engineering Strategy Anand Kelkar, VP, Jovian Software Consulting LLC
0915 – 0945	York County Fire Dept. UAV Operations CAPT Drew Waters, UAS Team Lead, York County Fire Dept.	1435 – 1500	Break
0945 – 1015	Break	1500 – 1530	Tactical UAS – Operation Inherent Resolve (Iraq) Brad Snowden, Director, Future Aviation Programs, John H. Northrop and Associates Inc.
1015 – 1045	An Open Systems Environment for Evaluation of Future Army Aviation MUM-T Technologies Tim Flynn, Engineer, PeopleTech, SUMIT Project Office	1530 – 1600	Emerging Technologies for Manned Unmanned Teaming Dr. Jaclyn Hoke, Program Manager, Rockwell Collins
1045 – 1115	Enhancing Warfighter Effectiveness Through Man-Machine Teaming Dr. Paul Castleberg, VP, Toyon Research Corp.	1600 – 1610	Session 2 Wrap-up/ Day #1 Closing Remarks: Marty Walsh, HELMOT XVIII General Chairman
1115 – 1120	Session 1 Wrap-up	1800 –	Dinner & Social @ Oozlefinch Craft Brewery 81 Patch Rd., Fort Monroe, VA 23651
1120 – 1300	Lunch on Your Own		

Thank you to the HELMOT XVIII exhibitors and sponsors!





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Thursday, 25 October 2018

<p>0700 – 1500 Registration Open 0700 – 1645 Exhibits Open</p> <p>0700 – 0750 Coffee in Exhibit Hall</p> <p>0755 – 0800 Welcome to HELMOT XVIII – Day 2 Marty Walsh, US Army AMRDEC ADD</p> <p>0800 – 0805 Session 3 Operational Enablers: Jay Kiser, Session Chair, US Army AMRDEC ADD</p> <p>0805 – 0835 Optimally Crewed Vehicle Katie Ernst, Human Factors Engineer, Applied Decision Science</p> <p>0835 – 0905 Degraded Visual Environment – Mitigation Mike Haider, Degraded Visual Environment-Mitigation System Integrator, John H. Northrop and Associates</p> <p>0905 – 0935 Black Hawk Crew Mission Station Matthew Lawrence, US Army AMRDEC, CMS Project Lead</p> <p>0935 – 1000 Break</p> <p>1000 – 1030 Apache Modernization Randy Bregger, Project Engineer, Boeing Co.</p> <p>1030 – 1100 Autonomous & Robotic Remote Refueling Point (AR3P) William Nikonchuk, US Army ARMDEC ADD Energy Lab & AR3P Lead</p> <p>1100 – 1105 Session 3 Wrap-up</p>	<p>1105 – 1230 Lunch on Your Own</p> <p>1230 – 1235 Session 4 JMR Program: Ned Chase, Session Chair, US Army AMRDEC ADD</p> <p>1235 – 1305 JMR Program Office Update David Friedmann, US Army, Air Vehicle Demonstrator Lead</p> <p>1305 – 1335 Sikorsky/Boeing Team – Defiant Steve Weiner, Chief Engineer, Sikorsky, a Lockheed Martin Co.</p> <p>1335 – 1405 Bell V-280 Valor Update Paul Wilson, V-280 Chief Engineer, Bell</p> <p>1405 – 1435 AVX Aircraft: JMR Configuration & Path to the Future Kendall Goodman, COO, AVX Aircraft Co.</p> <p>1435 – 1500 Break</p> <p>1500 – 1530 Karem: JMR-TD Update David Weinstein, Head of Testing, Karem Aircraft</p> <p>1530 – 1600 Comprehensive Architecture Strategy Marcell “Opus” Padilla, Senior Engineer, CRL Technologies</p> <p>1600 – 1630 Engine Technologies for FVL Kyle Tilley, Sr. Program Manager, GE Aviation</p> <p>1630 – 1645 HELMOT Wrap-up/Closing Statements</p>
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Save the Date for the next VFS HRC Propulsion Technical Meeting
October 23–25, 2019 – Hampton, Virginia, USA