



Agenda – Day 1

18th Annual Verification and Validation Summit

Wednesday, September 27, 2023		
Time	Topic	Speaker(s)
8:00-9:00 am	Check-in and Networking	
9:00-9:15 am	Welcome to V&V Summit – Opening Remarks	John Frederick FAA, Manager, V&V Strategies & Practices Branch, ANG-E5A
9:15-9:30 am	William J. Hughes Technical Center – Opening Remarks	Paula Nouragas FAA, Chief Scientist and Technical Advisor, Office of Science and Technology Integration, ANG-E003
9:30-10:30 am	Reach for the Stars!	Scott “Scooter” Altman – Keynote Speaker Senior Vice President, Civil Operations, ASRC Federal Engineering, Aerospace and Mission Systems / Former NASA Astronaut, Astronaut Hall of Fame, Retired U.S. Navy Captain
10:30-10:40 am	<i>Video #1: Creative Ideas & Divergent Thinking, Dr. Andrew Huberman</i>	
10:40-10:55 am	<i>Interactive Activity #1 - Angela Moore, LSSMBB, LS Technologies</i>	
10:55-11:10 am	<i>Break and Networking</i>	
11:10-11:40 am	The Changing T&E Paradigm for Automatic Threat Detection Algorithms	Christopher D. Smith, Ph.D. Director, Transportation Security Laboratory Science & Technology Directorate Department of Homeland Security
11:40-12:10 pm	Effective Delivery of Advanced Capabilities Begins with Tight Feedback Loops	Robin Yeman Space Domain Lead, Software Engineering Institute (SEI), Carnegie Mellon University
12:10-1:40 pm	<i>Lunch</i>	
1:40-1:45pm	<i>Video #2: Agility Prime: The Third Revolution in Aerospace, U.S. Air Force</i>	
1:45-2:15 pm	Where Modes Connect: Automation fueling the convergence of air and surface transportation	Taylor W.P. Lochrane, Ph.D., P.E. Deputy Director of Science and Technology / Chief Scientist for the Highly Automated Systems Safety (HAAS), Center of Excellence in the U.S. Department of Transportation
2:15-2:45 pm	Are We Shifting Left Enough? FAA Emerging Strategies to Identify and Resolve Cyber Vulnerabilities Early in the Development Cycle	Hector Morales FAA, Acting Manager, Air Traffic Organization (ATO) Cybersecurity Group, ACG
2:45-2:55 pm	<i>Interactive Activity #2 - Angela Moore, LSSMBB, LS Technologies</i>	
2:55-3:10 pm	<i>Break and Networking</i>	
3:10-3:40 pm	Approaches for Engaging Stakeholders for UAM Airspace Research	Annie Cheng Deputy Principal Engineer, Urban Air Mobility (UAM) Airspace Subproject, National Aeronautics and Space Administration (NASA)
3:40-4:10 pm	V&V of the Joint Simulation Environment (JSE): Lessons Learned and Converging Opportunities	Jeremy Smith JSE V&V Lead / Verification, Validation & Accreditation (VV&A) Technical Director, Naval Air Warfare Center Aircraft Division
4:10-4:15 pm	Wrap up	John Frederick FAA, Manager, V&V Strategies & Practices Branch, ANG-E5A

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Agenda – Day 2

18th Annual Verification and Validation Summit

Thursday, September 28, 2023		
Time	Topic	Speaker(s)
8:00-8:30 am	Check-in and Networking	
8:30-8:35 am	Welcome – Day 2	John Frederick FAA, Manager, V&V Strategies & Practices Branch, ANG-E5A
8:35-9:05 am	Convergence and Innovation: Pitfalls, Progress, and Promise	Carla A. Hackworth, Ph.D. FAA, Division Manager, Aerospace Human Factors Research, AAM-500, Civil Aerospace Medical Institute (CAMI)
9:05-9:35 am	Safe Machine Learning-Based Aerospace Autonomy	Kerianne Hobbs, Ph.D. Safe Autonomy and Space Lead, Autonomy Capability Team (ACT3), Air Force Research Laboratory
9:35-10:05 am	Info-Centric NAS Validation Implications	Stéphane Mondoloni, Ph.D. Outcome Leader for NAS Concepts and Architecture, MITRE
10:05-10:10 am	<i>Video #3: NSF Convergence Accelerator, National Science Foundation</i>	
10:10-10:25 am	<i>Break and Networking</i>	
10:25-10:55 am	Convergence in the NAS Enterprise Architecture	Carleen Adams FAA, Division Manager, NAS Enterprise Planning & Analysis, ANG -B2
10:55-11:25 am	Accelerating Technology, Innovation and Partnerships	Allen Walker Senior Advisor, U.S. National Science Foundation (NSF) for the Directorate for Technology, Innovation and Partnerships (TIP)
11:25-12:15 pm	Design of Experiments Interactive Exercise	Mark Kiemele President and CEO, Air Academy Associates Charles McKee President and CEO, Taverne Analytics LLC
12:15-12:20 pm	Summit Closing	John Frederick FAA, Manager, V&V Strategies and Practices Branch, ANG-E5A

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