Agenda — Day 1
17th Annual Verification and Validation Virtual Summit

Wednesday, September 21, 2022		
Time	**Topic**	**Speaker(s)**
8:20–8:30 a.m.	**Webinar Login**	
8:30–8:45 a.m.	**Welcome to V&V Summit**	**John Frederick** FAA, Manager, V&V Strategies & Practices Branch, ANG-E5A
8:45–9:00 a.m.	**William J. Hughes Technical Center - Opening Remarks**	**Eric Neiderman** FAA, Deputy Director, William J. Hughes Technical Center, ANG-E001
9:00–9:30 a.m.	**Preparing for the United States Space Force After Next**	**Nackieb Kamin** Program Manager, Science, Technology and Research Directorate, United States Space Force (USSF)
9:30–9:45 a.m.	*Interactive Activity — Angela Moore, LSSMBB, LS Technologies*	
9:45–10:00 a.m.	***Video #1 (The Importance of Mistakes, John Cleese) with Break***	
10:00–10:30 a.m.	**Challenges in Commercial Space Transportation Research and Development**	**Brian Rushforth** FAA, Manager, Innovation Division, Office of Commercial Space Transportation, AST
10:30–11:30 a.m.	**Calibrated Trust vs Blind Faith: Testing AI/ML-Powered Emerging Technologies for Aviation**	**Colonel Daniel Javorsek** Commander of Detachment 6, Air Force Operational Test and Evaluation Center (AFOTEC), Nellis Air Force Base; Director, F-35 U.S. Operational Test Team
11:30–11:45 a.m.	***Video #2 (DoD Acquisition Revolution — Airman Magazine) with Break***	
11:45–12:15 p.m.	**UAM Research Roadmap: Methods for Evolving Complex Enterprise Systems**	**Ian Levitt** Principal Engineer, National Aeronautics and Space Administration (NASA), Air Traffic Management eXploration (ATM-X) UAM Airspace Subproject
12:15–12:20 p.m.	**Wrap-up**	**John Frederick** FAA, Manager, V&V Strategies & Practices Branch, ANG-E5A

Wi-Fi
Network: Thunder WiFi
Wi-Fi Passcode: TROOM600

Agenda — Day 2
17h Annual Verification and Validation Virtual Summit

Thursday, September 22, 2022		
Time	**Topic**	**Speaker(s)**
8:20–8:30 a.m.	**Webinar Login**	
8:30–8:35 a.m.	**Day 2 Welcome**	**John Frederick** FAA, Manager, V&V Strategies & Practices Branch, ANG-E5A
8:35–8:50 a.m.	**Assistant Administrator for NextGen - Opening Remarks**	**Paul Fontaine** FAA, Acting Assistant Administrator for NextGen, ANG-1
8:50–9:20 a.m.	**Accountable Agility — How Does This Work?**	**Nathan Tash** FAA, Deputy Assistant Administrator for Acquisition and Business Services, ACQ-001, and FAA Acquisition Executive
9:20–9:50 a.m.	**Incrementally Assuring the Viability of Critical Software Systems**	**William S. Hayes** Principal Engineer, Carnegie Mellon University Software Engineering Institute (CMU/SEI)
9:50–10:00 a.m.	*Interactive Activity — Angela Moore, LSSMBB, LS Technologies*	
10:00–10:20 a.m.	***Video #3 (Ameca and the most Realistic AI robots, Digital Engine) with Break***	
10:20–10:50 a.m.	**Frameworks and Measures for Dynamic Innovation with Rigor**	**William D. Miller** Adjunct Professor, School of Systems and Enterprises, Stevens Institute of Technology
10:50–11:20 a.m.	**T&E of AI: Challenges & Opportunities**	**Jonathan Elliott, P.E. & PMP** Chief of Test & Evaluation, Department of Defense Chief Digital and Artificial Intelligence Office (CDAO)
11:20–11:50 a.m.	**Defining Digital Twins in the Physical World: Leading with Data to Drive Real-world Outcomes**	**Aleksei Kac** Head of Engineering, New Business Incubation Team, Verizon **Robyn Erkelens** Head of the New Business Incubation Team, Verizon
11:50–12:00 p.m.	*Interactive Activity — Angela Moore, LSSMBB, LS Technologies*	
12:00–12:30 p.m.	**Agility: Moving Quickly and Adapting to Change while Preserving Quality and Rigor**	**Huntley Parker** Solutions Architect and Lean-Agile Coach, Science Applications International Corporation (SAIC) **Philip E. Holmer** Chief Engineer/Director, Science Applications International Corporation (SAIC)
12:30–12:40 p.m.	**Summit Closing**	**John Frederick** FAA, Manager, V&V Strategies and Practices Branch, ANG-E5A

Wi-Fi
Network: Thunder WiFi
Wi-Fi Passcode: TROOM600