



10th Annual Verification and Validation Summit - Agenda
Location: Resorts Casino Hotel

Day 1: Wednesday, September 23, 2015		
Time	Topic	Speaker(s)
8:00-9:00 am	Check-in and Refreshments	
9:00-9:15 am	Welcome to V&V Summit – Introduction Understanding through V&V	John Frederick Manager, V&V Strategies & Practices Branch, FAA
9:15-9:30 am	Opening Remarks	Dennis L. Filler Director, FAA William J. Hughes Technical Center
9:30-10:00 am	FAA Acquisition	Dave Ingram Director, Acquisition Policy and Oversight
10:00-10:30 am	NATCA Perspective on Independent Operation Assessments of Current and Future FAA Programs	Melvin Davis NATCA National NextGen Representative
10:30-10:50 am	Break	
10:50-11:05am	#1 Video: “Got a wicked problem, first let me tell you how to make toast” Tom Wujec	
11:05-11:35 am	Testing for Capabilities: The Importance of Mission Accomplishment in T&E	Kevin Knudsen Enterprise Systems Test Capability Leader, Boeing Test and Evaluation
11:35-1:05 pm	Lunch and Networking on Your Own	
1:05-1:45 pm	Accelerating V&V in a Service-Oriented World	Mark Flanigan / Simon Daykin NATS UK GM Customer Solutions / Chief Architect
1:45-2:15 pm	Verification & Validation and Behavioral Modeling of Software System Architectures	Monica Farah-Stapleton PM DMIX Interoperability, Naval Post-Graduate School
2:15-2:35 pm	#2 Video: “Robot’s that fly... and cooperate” Vijay Kumar	
2:35-2:55 pm	Break	
2:55-3:25 pm	V&V Concepts	William D. Miller Stevens Institute of Technology/INCOSE INSIGHT (Chief Editor)
3:25-4:05 pm	System and Software Testing Types	Donald Firesmith Principal Engineer at the Software Engineering Institute (SEI), Carnegie-Mellon University
4:05-4:20 pm	Summit Discussion, Questions, and Answers	John Frederick Manager, V&V Strategies & Practices Branch, FAA



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Day 2: Thursday, September 24, 2015		
Time	Topic	Speaker(s)
8:30-9:00 am	Check-in and Refreshments	
9:00-9:05 am	V&V Summit Day 2 Kickoff	John Frederick Manager, V&V Strategies & Practices Branch, FAA
9:05-9:35 am	NextGen Overview Storyboard	Harry Bilicki Electrical Engineer, Test Standards Board, V&V Strategies and Practices Branch, FAA
9:35-10:05 am	System Wide Information Management (SWIM) – Program Overview & Status	Jeri Groce FAA Program Manager, SWIM, STDDS
10:05-10:35 am	“Pushing Tin” with NextGen	Tom Zaccheo / Michael Lyman Terminal Automation Branch, Senior Air Traffic Control Specialists
10:35-10:55 am	Break	
10:55-11:35 am	Next Generation Air Transportation System	Edward L. Bolton Jr. Assistant Administrator for NextGen, FAA
11:35 -1:05 pm	Lunch and Networking on Your Own	
1:05-1:45 pm	Early and Effective Developmental Testing	Dr. C. David Brown Deputy Asst Secretary of Defense DT&E/Director of Test Resource Management Center
1:45 - 2:15 pm	Unmanned Aircraft Systems (UAS) Concept Maturation, Validation & Requirements Development	Sherri Magyarits Engineering Research Psychologist, NextGen Advanced Concepts Branch, ATO/ANG UAS Concept Maturation Team, FAA
2:15 - 2:45 pm	How Agile & DevOps “Jive” with Complex Enterprise Systems	Matt McKnight VP Solutions Development and Technology Insertion Noblis NSP
2:45 - 3:05 pm	Break	
3:05 – 3:15 pm	#3 Video: “Introduction to Complex Systems: Patterns in Nature” Ilana Schoenfeld	
3:15 - 3:45 pm	DETERMINING M&S CREDIBILITY: What The Accrerator Needs To Know	James N. Elele, PhD US Dept. of the Navy M&S VVA Lead
3:45 – 4:15	V&V Challenges for Complex Systems and Software Architectures	Guillaume Brat, PhD RSE Acting Area Lead, Intelligence Sys Div, NASA Ames Research Center
4:15 - 4:30 pm	Summit Discussion, Questions, and Answers	John Frederick Manager, V&V Strategies & Practices Branch, FAA