

MONDAY, OCTOBER 2

	Noon - 6 PM	Lake Fairfax	Speaker Ready Room / Staff Office
	7 AM - 6 PM	Lake Fairfax	REGISTRATION
	7 AM - 6 PM	The Living Room	Ad Hoc Meeting Room (Schedule through James Gaidry at jgaidry@itea.org)
	6:30 - 9 PM	Lake Anne	ITEA Board of Directors Meeting
	1:00 PM	Grand Ballroom D	Exhibitor Set-Up

Session	Time	Room	Title of Presentation	Speaker	Title	Organization	
(S e p a r a t e) T U T O R I A L S (R e q u i r e d)	8:00 AM TO Noon		<i>Cybersecurity Test & Evaluation</i>	Mr. Pete Christensen	Cyber Support to OSD Programs	The MITRE Corporation	
			<i>How to build a Reliability Growth Program</i>	Mr. Shawn Brady		AMSAA, Center for Reliability Growth	
			<i>Processes for Testing with International Partners</i>	Ms. Gloria Deane	International Programs	DOT&E	
			<i>Testing 1, 2, 3</i>	Mr. Mitchell Dossett		Test and Evaluation Program Management	
	LUNCH on your own						
	1:00 PM to 5:00 PM			<i>Test and Evaluation Across the Acquisition Lifecycle</i>	Michael Flynn, PhD, CTEP		Defense Acquisition University
				<i>Software Assurance</i>	Mr. Robert Martin	Senior Secure Software & Technology Principal Engineer	The MITRE Corporation
				<i>Data Science and Its Relationship to Test & Evaluation</i>	Mark Kiemele, PhD	Founder	Air Academy Associates
				<i>Using TENA and JMETC to Reduce Risk, Saving Time and Money</i>	Mr. Gene Hudgins	TENA and JMETC User Support Team Lead	KBRWyle
				<i>Identifying Requirements and Vulnerabilities for Cybersecurity</i>	Michael Lilienthal, PhD, CTEP	Director of Cyber and Navy Programs	Electronic Warfare Associates (EWA) Cyber Focus Group
			<i>The Art of Planning Preview T&E: Australian Techniques for Early Test Strategies for Technical Maturation and Risk Reduction</i>	Mr. Patrick Lardieri		Lockheed Martin	
				Keith Joiner, PhD		University of South Wales Canberra	

	6:30 PM	Lake Anne	2016 ITEA Board of Directors Meeting
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TUESDAY, OCTOBER 3

Speaker Ready Room / Staff Office							
	7 AM - 6 PM	Lake Fairfax					
	7 AM - 6 PM		REGISTRATION				
	9 AM - 7 PM	Grand Ballroom D	Exhibit Hall Open				
	7 AM - 6 PM	The Living Room	Ad Hoc Meeting Room (Schedule through James Gaidry at jgaidry@itea.org)				
	3:30 pm - 5 pm		Mr. Duma				
Plenary	7:45 AM	Grand Ballroom A/B/C	Welcome	Mr. Gene Hudgins	President ITEA	KBR Wyle	
	7:50 AM		Opening Remarks	Mr. Erwin Sabile	Symposium Chair	Booz Allen Hamilton	
	8:00 AM		Opening Keynote	Mr. Dave Duma	Acting Director	Operational Test and Evaluation (DOT&E)	
	8:45 AM		Guest Speaker	Steve Hutchison, PhD	Director of T&E DHS	DHS	
BREAK	9:30 AM	Grand Ballroom D	BREAK in Exhibit Hall				
Plenary	10:00 AM	Grand Ballroom A/B/C	Featured Speaker	J. Brian Hall, PhD	Deputy Assistant Secretary of Defense	Office of the Under Secretary of Defense for Acquisition, Technology and Logistics	
	10:30 AM		Panel 1 - Acquisition & T&E Workforce				
			Chair: Mr. Terry Murphy		Deputy Director, Policy and Workforce Development		DHS
			Mr. Omar Merced		Executive Engineer		FAA
			Mr. Ken Stenfanak				DAU
			Mr. Thomas Simms		Deputy Director, Policy and Workforce Development		DASD DT&E
			Robin Poston, PhD		Professor and Dept Chair, Business Information & Technology, and Director Systems Testing Excellence Program		Systems Testing Excellence Program, University Memphis
			Mr. James C. Cooke		Director		U.S. Army Evaluation Center
LUNCH	Noon	Grand Ballroom D	LUNCH in Exhibit Hall				
Plenary	1:00 PM	Grand Ballroom A/B/C	Panel 2 - DoD OTA Commander's Panel				
			Chair: Catherine Warner, PhD		Science Advisor and Director Operational Test and Evaluation (DOT&E)	Office of the Secretary of Defense (OSD)	
			RADM Paul Sohl		Commander		Operational Test & Evaluation Force (COMOPTEVFOR)
			MG John W. Charlton		Commanding General		U.S. Army Test and Evaluation Command (ATEC)
			Maj. Gen. Matthew H. Molloy		Commander		Air Force Operational Test and Evaluation Center (AFOTEC)
COL Mark T. Brinkman		Director		Marine Corps Operational Test and Evaluation (MCOTEA)			

Schedule-at-a-Glance

BREAK		3:00 PM	Grand Ballroom D	BREAK in Exhibit Hall		
Session	Time	Room	Title of Presentation	Speaker	Organization	
Track 1: Cyber Testing Systems of Systems						
Track 1st Chair: Jeffrey McNeil, PhD						
Track 2nd Chair: Billy Williams						
Track 1	3:30 PM	Lake Anne	<i>Implementation Challenges for Risk Management Framework on RDT&E Systems</i>	Mr. Donald Paul Waters	412 Test Engineering Group, 412 Test Wing, Edwards AFB	
	4:00 PM		<i>Cyber Operational Vulnerabilities Assessment (COVA) Process</i>	Scott "Gunner" Thompson	Director of Cyber and AF Programs	
	4:30 PM		<i>Self-Cleansing Intrusion Tolerance: A new approach to reduce the impact of data breaches</i>	Arun Sood, PhD	George Mason University and SCIT Labs	
Track 2: Modeling and Simulation for T&E						
Track 1st Chair: Phil Hallenbeck, CTEP						
Track 2nd Chair: Pete Crump, CTEP, CMP						
Track 2	3:30 PM	Lake Audubon	<i>Surrogate Modeling of Stochastic Computer Simulation Data – Identifying Insurgents from a Helicopter Flying Surveillance</i>	Thomas A. Donnelly, PhD, CAP	SAS Institute, Inc.	
	4:00 PM		<i>Technologies for Interoperability of Live Fighter Platforms with Virtual & Constructive Simulations for Distributed Test</i>	Mr. Mark Phillips	Lockheed Martin	
			Edward Powell, PhD	TRMC T&E/S&T		
	4:30 PM		<i>Joining Forces Beyond Naval Aviation T&E</i>	Mr. Hank Steinfeld		
Ms. Paola Pringle						
Track 3: Autonomous Systems Test & Evaluation						
Track 1st Chair: Thomas O'Brien						
Track 2nd Chair: Antwan Phan						
Track 3	3:30 PM	Regency Ballroom B	<i>Constrained Learning for Assured Autonomy</i>	John Sustersic, PhD	ARL Penn State	
	4:00 PM		<i>An Analysis of Autonomous Systems Test Methodology</i>	Mr. Jonathan Elliott		
	4:30 PM		<i>Leveraging CRIIS for LVC testing in O/DT&E</i>	Mr. Jonathon Skarphol	Rockwell Collins	
Track 5: Acquisition Reform in Today's T&E Environment						
Track 1st Chair: Peter De Salvo						
Track 2nd Chair: Karl King						
Track 5	3:30 PM	Regency Ballroom A	<i>Driving a "Team of Teams" Mentality to Thrive in a Complex and Rapidly Changing Environment</i>	Mr. Paul McNamara	The Sente Group, Inc.	
	4:00 PM		<i>How T&E Functions in an Acquisition of Capabilities Environment</i>	Ms. Paola Pringle		
			Mr. John Auburn			
4:30 PM	<i>Removing Range Boundaries – The Importance of Developing Partnerships and Mobile Systems for "Range-Free" Testing</i>	Mr. Rob Vargo	Director, Atlantic Test Ranges, NAWCAD			
	Ms. Theresa Hopkins	ATR Strategic Communications				
Track 7: Software Test Systems and Best Practices for T&E						
Track 1st Chair: Bruce Einfalt						
Track 2nd Chair: Andrew Shaffer						
Track 7	3:30 PM	Grand Ballroom A/B/C	<i>I Don't Believe Your Company is Agile!</i>	Mr. Alex Martins	CA Technologies	
	4:00 PM		<i>Using Layered Model-Based Requirements to Achieve Continuous Testing</i>	Mr. Jeff Hughes		
			Mr. Alex Martins	CA Technologies		
4:30 PM	<i>Software Test Automation Engineering</i>	Mr. Andrew Pollner	ALPI/ASTQB/ISTQB			
	5:00 PM	Grand Ballroom D	Kevin Gates	Professional Staff Member	House Armed Services Committee	
NETWORKING RECEPTION						

WEDNESDAY, OCTOBER 4

	7 AM - 5 PM	Lake Fairfax	REGISTRATION				
	7 AM - 5 PM		Speaker Ready Room / Staff Office				
	9 AM - 4 PM	Grand Ballroom D	Exhibit Hall Open				
	7 AM - 6 PM	The Living Room	Ad Hoc Meeting Room (Schedule through James Gaidry at jgaidry@itea.org)				
Plenary	7:45 AM	Grand Ballroom A/B/C	Day 2 Remarks	Mr. Thomas Treakle	Symposium Technical Program Chair		
	8:00 AM		Keynote	Arun A. Seraphin, PhD	Professional Staff Member	Senate Arms Services Committee	
	8:30 AM		Featured Speaker	Mr. Jaime Figueroa	Deputy Director, WJ Hughes FAA Technical Center	Federal Aviation Administration (FAA)	
	9:00 AM		Panel 3 - Test Range Panel				
			Chair: Ms. Leslie Taylor	Naval Air Warfare Center Aircraft Division / Deputy Assistant Commander for Test and Evaluation	Naval Air Warfare Center Aircraft Division (NAWCAD)		
			Brigadier General Eric L. Sanchez	Commander	White Sands Missile Range (WSMR)		
			Brig. Gen. Carl E. Schaefer	Commander, 412th Test Wing	Edwards Air Force Base		
			Mr. Eric Spigel	Ranges, Engineering and Analysis Department Head	NUWC Division Newport		
			Mr. Christopher Smith	Director, Transportation Security Laboratory	DHS		
	BREAK		10:30 AM	Grand Ballroom D	BREAK in Exhibit Hall		
Plenary	11:00 AM	Grand Ballroom A/B/C	Panel 4 - Modeling and Simulation				
			Chair: I D (Dai) Morris MA, D.Phil, M.Inst.P, C.Phys, Cert. IoD	Head of Capability (Weapons, Evaluation and Capability Assurance)	UK Ministry of Defence		
			Lt. Gen. Robert Walsh	Deputy Commandant for Combat Development and Integration	Marine Corps Combat Development Command		
			Colonel Robert H. Epstein	Commander	Air Force Agency for Modeling and Simulation (AFAMS)		
			COL Joseph Nolan	Deputy Director	US Army Modeling and Simulation Office		
			Jim Clifton, PhD	PM JSF Joint Simulation Environment	NAVAIR		
			Mr. Michael Cohen				
			Syed Mohammad, PhD	S&T	DHS		
	12:30 PM	Grand Ballroom A/B/C	2017 T&E Professional Awards Luncheon				

Schedule-at-a-Glance

Session	Time	Room	Title of Presentation	Speaker	Organization
Track 1: Cyber Testing Systems of Systems					
Track 1st Chair: Jeffrey McNeil, PhD					
Track 2nd Chair: Billy Williams					
Track 1	2:00 PM	Lake Anne	<i>Automated Attack Framework for Test & Evaluation (AAFT)</i>	Mr. Andrew Shaffer	ARL Penn State
	2:30 PM		<i>Improving Prediction/Detection of Cyber Attacks Using Robust Data Mining Methods</i>	Thomas A. Donnelly, PhD, CAP	SAS Institute, Inc.
	3:00 PM		<i>Just How Much Effort is Required to Assess Cyber in a Complex System of Systems?</i>	Mr. Hank Steinfeld Ms. Paola Pringle	
Track 2: Modeling and Simulation for T&E					
Track 1st Chair: Phil Hallenbeck, CTEP					
Track 2nd Chair: Pete Crump, CTEP, CMP					
Track 2	2:00 PM	Lake Audubon	<i>The "Power" of Risk-Based VV&A</i>	James N. Elele, PhD	NAVAIR
				Mr. David H. Hall	SURVICE Engineering
	2:30 PM		<i>Challenges in Validating Complex Large-Scale Simulations for Operational Test</i>	Karl Kuschner, PhD	
				Jay Smith, Ph.D.	
				Ben Lambert, Ph. D.	
				Jeremy Smith	
3:00 PM	<i>IPT3N</i>	Mike DiGennaro	OTC		
Track 3: Autonomous Systems Test & Evaluation					
Track 1st Chair: Thomas O'Brien					
Track 2nd Chair: Antwan Phan					
Track 3	2:00 PM	Regency Ballroom B	<i>Simulation, Experimentation, and Assessment for Collaborative Autonomy in Unmanned Teams</i>	Mr. Don Davis	GTRI
	2:30 PM		<i>T&E of Autonomous Systems: Challenges and Opportunities of Evaluating Trust</i>	Mr. Donald Strausberger	GTRI
	3:00 PM		<i>TBD</i>		
Track 4: Big Data Analytics for T&E					
Track 1st Chair: Ed Powell, PhD					
Track 2nd Chair: Thomas Treakle					
Track 4	2:00 PM	Grand Ballroom A/B/C	<i>Data Analytics for the T&E Enterprise</i>	Mr. Ryan Norman	TRMC
	2:30 PM		<i>Test Resource Management Center Big Data Analytics / Knowledge Management Architecture Framework Overview</i>	Ed Powell, PhD	Ed Powell Consulting LLC
	3:00 PM		<i>TBD</i>		
Track 7: Software Test Systems and Best Practices for T&E					
Track 1st Chair: Bruce Einfalt					
Track 2nd Chair: Antwan Phan					
Track 7	2:00 PM	Grand Ballroom A/B/C	<i>Operational Testing of Agile programs in a time of change at DHS</i>	Mr. Wayne Dumais	DHS, DOT&E
	2:30 PM		<i>Automated Software Testing Best Practices and Framework</i>	Mr. Jim Simpson	OSD STAT COE
	3:00 PM		<i>Best Test Strategies When Setup is Expensive or Time Consuming</i>	Mr. Jim Simpson	JK Analytics
	3:30 PM	Grand Ballroom D	BREAK in Exhibit Hall		
	4:30 PM		Exhibitor Break-Down		

Schedule-at-a-Glance

Session	Time	Room	Title of Presentation	Speaker	Organization
Track 1: Cyber Testing Systems of Systems					
Track 1st Chair: Jeffrey McNeil, PhD					
Track 2nd Chair: Billy Williams					
Track 1	3:30 PM	Lake Anne	<i>DECRE C2IS environment and activities</i>	Rod Hallum	JS J6
	4:00 PM		<i>TBD</i>	Dave Aland	DOT&E
	4:30 PM		<i>TBD</i>		
Track 2: Modeling and Simulation for T&E					
Track 1st Chair: Phil Hallenbeck, CTEP					
Track 2nd Chair: Pete Crump, CTEP, CMP					
Track 2	3:30 PM	Lake Audubon	<i>TRMC LVC Framework</i>	Mr. Ryan Norman	
	4:00 PM		<i>New Simulation Techniques for Warfighter Systems T&E</i>	Mr. Gilbert Torres	TRMC T&E/S&T
	4:30 PM		<i>Modeling and Simulation for Undersea System Concept Development, Test, and Evaluation</i>	Ms. Marsha Perini	ARL Penn State
Track 4: Big Data Analytics for T&E					
Track 1st Chair: Ed Powell, PhD					
Track 2nd Chair: Thomas Treakle					
Track 4	3:30 PM	Grand Ballroom A/B/C	<i>DOE vs Big Data Analytics: Synergists or Antagonists</i>	Mark J. Kiemele, PhD	Air Academy Associates
	4:00 PM		<i>Data Science and Its Relationship to Test & Evaluation</i>	Mark J. Kiemele, PhD	Air Academy Associates
	4:30 PM		<i>TBD</i>		
Track 6: T&E/S&T Innovations and Emerging Threats					
Track 1st Chair: Geoff Wilson, TRMC					
Track 2nd Chair: Andrew Shaffer					
Track 6:	3:30 PM	Regency Ballroom B	<i>A Graded Approach to T&E of Counter-Unmanned Aerial Systems</i>	Mr. Scott Brooks	Sandia National Laboratories
	4:00 PM		<i>Certification and Evaluation Approach for Counter Unmanned Aerial Systems</i>	Mr. Camron Kouhestani	Sandia National Laboratories
	4:30 PM		<i>Development of a New Test and Evaluation Capability to Assess Survivability in Under-Body Blast Events</i>	Mr. Frederick Hughes	US Army Research Laboratory
				Ms. Patricia Riipa	Strategic Communications
		Mr. Michael Landers	PdM Medical Simulation		
Track 8: International Partnering in T&E					
Moderator: Greg Simmons, Deputy Director, National Preparedness Programs, DHS					
Track 8	3:30 PM	Grand Ballroom A/B/C	Mr. Neil E. Meister	Technical Director for Polar Icebreaker Acquisition Program	United States Coast Guard (CIV)
	4:00 PM		James P. Millan, PhD	Director of Research and Development Ocean	Coastal and River Engineer
	4:30 PM		<i>TBD</i>		
	5:45 PM	Lake Anne	2017 ITEA Board of Directors Meeting - Officer Election (by invitation Only)		
	6:00 PM		ITEA Leadership Dinner - Board Members, Committee Chairs, Region Vice Presidents, and Chapter Presidents		

THURSDAY, OCTOBER 5

REGISTRATION							
	7 AM - 3 PM	Lake Fairfax					
	7 AM - 3 PM	Lake Fairfax Registration	Speaker Ready Room / Staff Office				
	7 AM - Noon	Grand Ballroom D	Ad Hoc Meeting Room (Schedule through James Gaidry at jgaidry@itea.org)				
Plenary	7:45 AM	Grand Ballroom A/B/C	ITEA Annual Meeting	Mr. Gene Hudgins	ITEA President	KBRWyle	
	8:00 AM		Featured Speaker	Mr. Paul Mann	Principal Deputy (Acting)	Test Resource Management Center (TRMC)	
	8:30 AM		Panel 5 - Cybersecurity				
			Chair: Mr. William Redmond		Deputy		AFOTEC
			Maj Gen Denker (Invited)		Deputy Director		National Reconnaissance Office
			Paul Waters, PhD				AFTC
			Mr. John Garstka (Invited)		Deputy Director for Cyber Programs within the Office of the Deputy Assistant Secretary of Defense for Command, Control, Communications, Cyber & Business Systems		Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics
			K. Mitch Crosswait, PhD				U.S. Senate Armed Services Committee
			Mr. James Wells		Deputy Director, Cyberspace & Enterprise Programs		DHS Office of T&E
			Mr. Rick Quade		N94B		OPNAV
BREAK	9:30 AM	Lobby	BREAK				
Plenary	10:00 AM	Grand Ballroom A/B/C	Featured Speaker	Mr. G. Derrick Hinton	Acting Director, Test Resource Management Center (TRMC)	Office of the Under Secretary of Defense for Acquisition, Technology and Logistics	
	10:30 AM		Panel 6 - Space Panel				
			Chair: Mr. Steve Kremer		Advanced Projects Office		NASA/GSFC's Wallops Flight Facility
			Robert L. Bayt, PhD		Verification and Validation Manager		NASA Commercial Crew Program
			Robert E. Lindberg Jr., Eng.Sc.D.		Vice President, Products and Programs		Vector Launch
			Mr. Daniel Hicks		CEO		Spaceport America
	12:00 PM		Closing Keynote		Mr. Dave Duma	Principal Deputy Director	
12:45 PM	Closing Remarks		Mr. Erwin Sabile	Symposium Chair		BAH	
LUNCH on your own							
TUTORIAL <small>(SERIALIZED)</small>	1:00 PM to 5:00 PM		Real-World DOE and Modern Design and Analysis Methods	Thomas A. Donnelly, PhD, CAP		SAS Institute Inc.	
			Planning and Executing Cyber Table Tops, Facilitator Training	Ms. Sarah Standard	Cybersecurity / Interoperability Technical Director	OSD AT&L	
			Test and Evaluation Science and Technology	Mr. George Rumford	Deputy Director, Major Initiatives and Technical Analyses		DoD TRMC, AT&L, and Program Manager for the T&E/S&T Program