

27th Annual National Test & Evaluation Conference Abstract Descriptions	
Abstract ID	Title
11460	Software Reliability Growth Test Approach
11467	Guiding the Engineer through the T&E Process
11476	A Paradigm for Modeling & Simulation
11479	Early Developmental Testing and Performance Engineering: An Integration & Test Strategy for Rapid Capability Insertion
11483	How to Frame a Robust Sweet Spot via Response Surface Methods (RSM)
11488	Testing and Evaluating Intranets, Portals. and Enterprise Systems for Usability
11497	Joint Mission Environment Test Capability (JMETC): Improving Distributed Test Capabilities
11499	Emerging Methodology for Missions-Based Capability Assessments
11500	Modeling and Simulation for Mission-Based Test and Evaluation (MBT&E)
11508	U.S.N. RDTE Project Support Aircraft
11516	Mission-Based Test and Evaluation Strategy: Progress Towards Uniting Combat Developer, Materiel Developer and T&E
11524	Ready for Scrum?
11529	Expanding Use of the Probability of Raid Annihilation (PRA) Testbed Across the Ship Self-Defense Enterprise
11532	Design of Experiments: Managing Expectations
11538	Personnel Injury Analysis of Reflective Spall
11539	Analytical Approach using MUVES-S2/ORCA Modeling in Support of the Joint Cargo Aircraft (JCA)
11541	Fragment Analysis for the Joint Trauma Analysis and Prevention of Injury in Combat (JTAPIC)
11549	Probability Driven Experimental Design for Autonomous Systems
11552	Using Complementary Frameworks for Qualitative Data Collection during OT & E: Piggybacking on Operational Experiments
11553	MIL-PRF-XX613 and MIL-STD-X618, The Navy Gets Serious About Armor
11554	The Impact of High Accuracy Target Geometry in Modeling and Simulation to Support Live Fire Test and Evaluation
11557	Measures Development Standard Operating Procedure (SOP)
11560	A Comprehensive Approach to Characterizing the Hazards of Explosive Countermeasures With Respect to Dismounted Troops
11563	Integrated Test and Independent Evaluation (IT&IE) and T&E using Experimental Design Methodology
11564	The CRIIS High Accuracy TSPI Architecture and Technical Maturity Demonstration Test Results
11565	The Integrated CMMI-Based Improvement Framework for Test and Evaluation
11569	T&E - Guarding the Requirements Intent
11577	Mission Based Test Design for Complex Systems of Systems and Platforms
11626	Dugway Proving Ground as the MRTFB Chem Bio Activity
11627	Assessing System Reliability Growth when Failure Modes are Masked

11638	Army Testing in a Services Oriented Architecture (SOA) Environment
11639	The Test and Training Enabling Architecture (TENA) Enabling Technology For the Joint Mission Environment Test Capability (JMETC) in Live, Virtual, and Constructive (LVC) Environments
11640	Directed Energy Test Tri-Service Study 2011: Identifying Directed Energy Test and Evaluation Infrastructure Requirements
11642	Joint Command and Control Assessments: Rapid Fielding, Integrated Testing and Implications, Approaches and Lessons.
11645	Holographic radar brings a new dimension to sensing and instrumentation on T&E ranges
11649	Affordable Test and Evaluation in a Complex World
11650	Realistic and Measurable Suitability Requirements for Test
11651	Test and Evaluation Issues for System of Systems: Creating Sleep Aids for Those Sleepless Nights
11653	Test Planning – Advancing the Science
11656	An Industry Response to the Acquisition Changes
11659	Impacts of the Learning Curve Operational Test and Evaluation
11661	MCOTEA Mission Based Operational Test & Evaluation: Infantry Automatic Rifle and Global Combat Support System
11662	Design Methodology for Expedient, Low Cost UAV Runways
11663	Effective Combat Data Collection and Applicability to Test & Evaluation
11665	OSD Perspective of DT&E in Navy Shipbuilding Programs
11666	Understand the Mission – A “how-to” guide for MBTE practitioners
11674	Utilization of Model and Simulation for Network Waveform Characterization and Validation
11676	Model Based Systems Engineering and M&S adding value to T&E (Paper/Breakout Session)
11677	Using Design of Experiments (DOE) to Integrate Developmental and Operational T&E
11678	Using DFSS as an Integrating Framework for MBT&E and DOT&E
11679	Overview of the Joint/Coalition Mission Thread Measures Development Standard Operating Procedure
11682	Advanced Range Data System (ARDS) Service Life Extension Program (SLEP) – “Ensuring GPS Based TSPI Remains A Viable T&E Range Instrumentation Asset”
11683	A Paper on How the Central Technical Support Facility (CTSf) has Re-Energized DT&E to Deliver a New Capability Set for the Army
11684	Using behavior composition tools to create models that can be more easily validated
11686	How the CTSf in the U.S. Army Partner with the U.S. Air Force’s SIMAF and the Air Force’s 46th Test Squadron to foster Multi-Service T&E
11690	Doing More Without More – Scientific T&E Design Methodologies (STED) in DoD Weapon System Acquisition
11694	TUTORIAL: Efficient Modeling and Simulation (M&S) Using Design of Experiments (DOE) Methods
11698	Target Systems in Support of Test and Evaluation
11699	Continuous Cost Reduction Feeds Back into Product Reliability
11703	Ships Are Different
11704	Testing & Evaluating the Net-Ready Key Performance Parameter
11705	Defense Information Systems Agency Joint Interoperability Test Command Interoperability Support for the Afghanistan Mission Network

11708	A Proposal for Robotic Entity Safety Release
11709	Test and Evaluation of System of Systems (SoS)
11710	Testing US systems for Coalition Interoperability
12878	DoD Strategic Planning for Test and Evaluation