

TUESDAY, SEPTEMBER 22

8:00 AM	Registration and Networking	Plenary Events: Grand Ballroom Blue Track: Room 302 Green Track: Room 307 Red Track: Room 308 Demo Expo: Room 309	Scan for Full Agenda 
9:00 AM	Welcome Remarks		
9:15 AM	Keynote Address		
10:15 AM	SERC Perspective		
11:00 AM	Enterprise-Level AI	Testbeds and Training	Cognitive Assistants for Mission Engineering and Digital Engineering
Case Study Speed and Innovation Through Spec-Driven Development: Building an Agentic ISO 15288 Platform at Lockheed Martin		Case Study Enhancing Risk-Informed Decision Making Through LLM-Based Concern Analysis in the Human Landing System Program	Case Study Risk Trace: Human-in-the-Loop AI for Requirements-to-Risk-Control Traceability in Medical Device Systems Engineering
Swarm-Engineered Ontologies for Systems Engineering: A Multi-Agent Pipeline Across SE Knowledge-Engineering Projects		Establishing a Learned Operational Reference Environment (LORE): A Knowledge Repository and Process Improvement Testbed Using GenAI.mil	A Digital Engineering Ecosystem Chatbot based on Semantically Rich Knowledge Graphs
Workflow Architecture: A New Construct in the Age of AI-Enabled Systems		Simulating Stakeholder Engagement: A Virtual Human Approach to Upskilling the Systems Engineering Workforce	AI-Enabled Mission Engineering
Mediagents: Leveraging System-of-Systems Engineering Mediators to Inhibit Unwanted Emergent Behavior in AI Pipelines		The MESH Environment: Multi-level Evaluation of Sociotechnical HAI-workflows	AI Cognitive Assistant for Traceable Interaction with MBSE Behavior Models
From Autonomous Agents to Agentic Enterprises: An Systems Engineering Framework for Trust, Governance and Progressive Assurance		STOIC Road to a Hive Operating System: ZynWorld as the Operational Testbed	Learning for Mission Resilience: A Digital Engineering Framework for Intelligent System-of-Systems Coordination
Insight Session Automating Systems Simulation at Scale: An LLM Pipeline for Multi-Framework Modeling		Insight Session Speed and Innovation in AI4SE: Using an LLM-Enabled Virtual Systems Engineering Workshop to Architect a Complex Testbed in One Day	Insight Session Human-AI Workflows for MBSE Translation
12:35 PM	Lunch		
1:35 PM	Cross-Industry Panel		
2:55 PM	Delegation and Reliance in Agentic Systems	Mitigating Errors	Applications
Case Study Assessing Consistency with the AI Ethical Principles		Case Study AI Circuit Breaker	Case Study Field Level Maintenance Architecture (FLMA): A Lifecycle Systems Engineering Framework for AI-Enabled Army Field Maintenance
Oversight Coupling and Appropriate Reliance in Agentic AI Systems		AI as the Semantic Bridge in the Model-Based Quality Digital Thread	AI-Enabled Modeling and Simulation for Airspace Safety Analysis
Beyond Adoption: How Adaptive AI Feedback Shapes Trust and Design Improvement		Privacy-aware Multi-Agents for System-of-Systems	From AI Tools to AI Teammates: Situating and Evaluating Scheduling Capability for Small and Medium-Sized Manufacturers
Contract-Based Agentic Systems Engineering: Delegation as Quotient for Trusted Cyber-Physical System Design		Understanding Human-AI Interactions in Complex AI-Driven Autonomous Systems: Implications of Trust, Interpretability, and Ethical Reliability in Critical Missions	Does One Model Fit All? Personalized vs. Generalized Machine Learning Models for Workload Prediction in Human-in-the-Loop Systems
Accounting for Uncertainty in Safety & Reliability of AI-Enabled Systems		Common-Cause Analysis of Fault Trees with AI-Based Systems	Reinforcement Learning for Autonomous Equipment Optimization via Digital Twins
Insight Session The Vibe Coding Epidemic and Spec Driven Development As a Remedy		Insight Session Soldier Perspectives in AI and Autonomous Systems	Insight Session CRISP: A Systems Design Thinking Approach for Prompt Engineering
4:30 PM	Demo & Poster Exposition		
6:00 PM	Networking Reception		