

9:00 AM	Welcome and Opening Remarks <i>Dr. John Lach, Dean, School of Engineering and Applied Science, The George Washington University</i> <i>Dr. Jason Cook, Senior Scientific Technical Manager (SSTM) for Systems Engineering Research, US Army DEVCOM Armaments Center</i>	
9:20 AM	Keynote <i>Ms. Jennifer Swanson, Deputy Assistant Secretary of the Army for Data, Engineering & Software (DASA(DES)), ASA(ALT)</i>	
10:05 AM	US Army DEVCOM Armaments Center Perspectives <i>Dr. Myron Hohil, SSTM for Artificial Intelligence, Sensors & Collaborative Munitions, US Army DEVCOM Armaments Center</i>	
10:25 AM	Morning Break	
10:45 AM	Panel 1 - Certification of Learning-Based Systems <i>Dr. Zoe Szajnarber**, The George Washington University</i> <i>Dr. Jonathan Barkand, Program Manager for Learning Systems, DAU</i> <i>Dr. Tyler Cody, Virginia Tech</i> <i>MAJ Christine Krueger, The George Washington University</i> <i>Dr. Jason Summers, ARIA</i>	Panel 2 - Application of LLMs to SE <i>Dr. Myron Hohil**, US Army DEVCOM Armaments Center</i> <i>Mr. Amir Abrari, SPEC Innovations</i> <i>Mr. John Crissman, CNA Corporation</i> <i>Dr. Carlo Lipizzi, Stevens Institute of Technology</i>
11:45 AM	Lunch	
12:45 PM	Track 1 - Trustworthy AI <i>Dr. Val Sitterle**, Georgia Tech Research Institute</i>	Track 2 - AI4SE <i>Dr. Peter Beling**, Virginia Tech</i>
	Establishing a Measurement Science for Joint Work with Models <i>Dr. Peter Denno*, National Institute of Standards and Technology</i>	AI-Assisted Generation of SysML Models to Accelerate Agile Digital Engineering <i>Mr. Matthew Jones*, Ms. Erin Crabb, Leidos</i>
1:15 PM	Application of Systems Theoretic Process Analysis (STPA) to the Mission Assurance of AI-Enabled Systems <i>Mr. Robert Crombie*, Mr. Daniel Byrne, The Aerospace Corporation</i>	Requirement Discovery Using Embedded Knowledge Graph with ChatGPT <i>Dr. Nipa Phojanamongkolkij*, Mr. Braxton VanGundy*, Mr. Ramana Polavarapu, Mr. Joshua Bonner, NASA Langley Research Center</i> <i>Dr. Barclay Brown*, Collins Aerospace</i>
1:45 PM	Track Change Break	
1:50 PM	Application of the Traditional Materiel Release Process to the DoD Ethical Principles of Artificial Intelligence, and Roadmap <i>Mr. Benjamin Werner*, Mr. Benjamin Schumeg, US Army DEVCOM Armaments Center</i>	LLM Based SysML Virtual Assistant <i>Mr. Alexander Demagall*, Mr. Gabe Apanza, Dr. Daniel Selva, Texas A&M University</i>
2:20 PM	Using Artificial Intelligence to Accelerate Deployment of Learning-Based Systems <i>Dr. Jason Gregory*, US Army DEVCOM Research Laboratory</i> <i>Dr. Satyandra K. Gupta, University of Southern California</i>	Melding Minds and Machines: Harnessing AI Capabilities to Further Model-Based Guided Engineering <i>Ms. Melinda Ong*, Mr. Andrew Gaskins, Booz Allen Hamilton</i>
2:50 PM	Afternoon Break	
3:20 PM	Conformal Prediction for Testing and Evaluation of Intelligent/ML Systems <i>Mr. Paul Horton*, Georgia Tech Research Institute</i>	A Constructed System of Analysis to Enable Automation and Reasoning in Multi-Model Analysis <i>Mr. Daniel Dunbar*, Dr. Mark Blackburn, Dr. Tom Hagedorn, Stevens Institute of Technology</i>
3:50 PM	Evaluating the Explainability and Interpretability of AI Systems <i>Ms. Alaysha Shearn*, Dr. David Broniatowski, Dr. Armin Vosoughi, The George Washington University</i> <i>Dr. Valerie Reyna, Cornell University</i>	Large Language Model Enabled Generation of Systems Engineering Artifacts <i>Dr. Paul Wach*, Dr. Taylan Topcu, Mr. Mohammed Husain*, Virginia Tech</i>
4:20 PM	Keynote <i>Dr. Kimberly Sablon, Principal Director, Trusted Artificial Intelligence and Autonomy, OUSD(R&E)</i>	
5:05 PM	Day 1 Closing Remarks / Agenda Review Day 2 <i>Dr. Peter Beling, Virginia Tech</i> <i>Mr. AI Stanbury, US Army DEVCOM Armaments Center</i>	

9:00 AM	Welcome from SERC & Keynote Introduction <i>Dr. Dinesh Verma, Executive Director, SERC</i>	
9:15 AM	Keynote - Transforming Lockheed: Committed to Change <i>Mr. Michael "Rabbi" Harasimowicz, Director, AI Innovations, Lockheed Martin</i>	
10:05 AM	SERC Perspectives <i>Dr. Peter Beling, Director, Intelligent Systems Division, Virginia Tech National Security Institute and SERC Research Council Member</i> <i>Dr. Ali Raz, Assistant Professor, George Mason University</i>	
10:25 AM	Morning Break	
10:45 AM	Keynote Panel - Comparing Ethical and Safety Frameworks for Promoting Trust in AI Systems <i>Mr. Andy Lacher**</i> , Chief Technologist for Future Airspace Operations, NASA Langley Research Center <i>Dr. David Broniatowski</i> , Associate Professor of Engineering Management and Systems Engineering, The George Washington University <i>Mr. Chuck Howell</i> , Senior AI Advisor, MITRE <i>Dr. Kim Wasson</i> , Autonomy Certification Lead, Joby Aviation	
11:45 AM	Lunch	
12:45 PM	Track 3 - Human/AI Teaming <i>Dr. Ralph Tillinghast**</i> , US Army DEVCOM Armaments Center	Track 4 - SE4AI <i>Dr. Jason Cook**</i> , US Army DEVCOM Armaments Center
	Is the Machine a Partner or a Tool? A Major Issue of Human-AI Teaming <i>Dr. Guy Boy*</i> , Paris Saclay University (CentraleSupélec) & ESTIA Institute of Technology	Hiring Trained Animals: Generative AI Patterns and Practices for Systems Engineering <i>Dr. Barclay Brown*</i> , Collins Aerospace
1:15 PM	What is Human in the Loop, Really? <i>Mr. Aditya Singh*</i> , <i>Dr. Zoe Szajnarfarber</i> , The George Washington University	Systems' Perspectives for AI Acceleration in Large Enterprises and Government Agencies <i>Dr. Jyotirmay Gadewadikar*</i> , MITRE <i>Mr. Vatatmaja</i> , Deloitte
1:45 PM	Track Change Break	
1:50 PM	Managing the Continuity of Human Biases in AI SE Applications <i>Dr. Steven Conrad*</i> , Colorado State University <i>Ms. Heidi Perry</i> , MIT Lincoln Laboratory	Test and Evaluation (T&E) of Complex AI-Enabled Systems (AIES) <i>Dr. Flo Reeder*</i> , <i>Ms. Elena Charnetzki</i> , MITRE
2:20 PM	Opportunities and Risks of Incorporating LLMs in the Systems Engineering and Design Workflow: A Case Study of Robotic System Design Process <i>Dr. Zoe Szajnarfarber*</i> , <i>Mr. Oladele (Richard) Adeyeye</i> , <i>Dr. Robert Pless</i> , The George Washington University	Systems Engineering Processes to Test AI Right (SEPTAR) <i>Ms. Carol Pomales*</i> , <i>Dr. Flo Reeder</i> , <i>Dr. Carlos Balhana</i> <i>Mr. Jim Lockett</i> , <i>Ms. Ivy Chen</i> , MITRE
2:50 PM	Afternoon Break	
3:20 PM	The Need to Update Design and Certification Performance Standards for Operator Intervention of Autonomous Systems <i>Dr. Lance Sherry*</i> , <i>Dr. George Donohue</i> , <i>Ms. Jomana Bashata</i> , George Mason University	A Systems Engineering Perspective on Safety of AI-based systems <i>Mr. Reginald Holmes*</i> , <i>Dr. Hanumanthrao "Rao" Kannan</i> , University of Alabama in Huntsville
3:50 PM	Mission Engineering in Healthcare and What We Can Apply to the Military <i>Mr. Richard Threlkeld*</i> , <i>Dr. Cihan Dagli</i> , Missouri University of Science and Technology	Simulating the Tradespace with Synthetic Data <i>Dr. Cameron Turner*</i> , Clemson University <i>Dr. Matthew Castanier</i> , <i>Dr. David Gorsich</i> , <i>Dr. Greg Hartman</i> , US Army Ground Vehicle Systems Center
4:20 PM	Closing Remarks <i>Dr. Zoe Szajnarfarber</i> , The George Washington University	

