

AI4SE & SE4AI Agenda

RESEARCH AND APPLICATION WORKSHOP | SEPTEMBER 17-18, 2024 | Arlington, VA



Day 1: September 17

8:00 AM	Registration and Networking	
8:45 AM	Welcome and Opening Remarks Dr. Andre Marshall, <i>Vice President for Research, Innovation, and Economic Impact, GMU</i>	
9:00 AM	Keynote Mr. Matthew Rose, <i>Global Public Sector Industry Principal, Snowflake</i>	
9:45 AM	US Army DEVCOM Armaments Center Perspective Mr. Edward W. Bauer, <i>Director of the Systems Engineering Directorate (SED), US Army DEVCOM Armament Center (AC)</i>	
10:15 AM	Morning Break	
10:30 AM	SE4AI	AI4SE
	Safety Frameworks	AI for Design and Governance of Complex Systems
12:05 PM	Lunch	
1:05 PM	Plenary Panel: The Need for Socio-technical System Testbeds for AI Enabled Systems	
2:10 PM	AI "-ilities"	AI at the Enterprise Level
3:45 PM	Afternoon Break	
4:00 PM	T&E	AI4SE in Digital Engineering
5:05 PM	Closing Agenda Review	
5:10 PM	Adjourn	

Day 2: September 18

8:00 AM	Registration and Networking	
8:45 AM	Keynote Mr. Daniel Mahanty, <i>Division Director for Learning, Civilian Protection Center of Excellence</i>	
9:35 AM	Plenary Panel: Opportunities and Risks for Leveraging Generative AI to Support SE Processes	
10:40 AM	Morning Break	
10:55 AM	SE4AI	AI4SE
	Human Autonomy Integration and Trust	LLMs for SE Artifacts
12:30 PM	Lunch	
1:30 PM	Keynote Dr. Missy Cummings, <i>Professor and Director of Mason Autonomy and Robotics Center, GMU</i>	
2:15 PM	SERC Perspective Mr. Tom McDermott, <i>CTO, SERC</i>	
2:45 PM	Afternoon Break	
3:00 PM	SE Methodologies for AIES	AI-aided Systems Engineering and Design
4:45 PM	Trusted AI SE Challenge Dr. Peter Beling, <i>Virginia Tech</i>	INCOSE AI Working Group Dr. Ali Raz, <i>GMU</i>
5:05 PM	Adjourn	

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