MORS AI Workshop

Accelerating Data and Analytics Capabilities for Artificial Intelligence

20–23 April 2026 | RAND & Carnegie Mellon University
Pittsburgh, Pennsylvania

Agenda *(as of 04/10/2026)*

Day 1: Monday 20 April 2026 — *RAND*

Time	Event	Room/Location
0700 – 0900	**Registration, Continental Breakfast, and Networking**	*RAND*
0700 – 1500	**AI Exhibitor Showcase**	*RAND Lobby*
0850 – 0900	**MORS Kickoff**	*RAND*
0900 – 1200	**Tutorial Sessions** *(90 minutes each)*	*RAND, Room 6207*
	Applied Ontology Engineering to Support Artificial Intelligence and Analytics Dr. Daniel Maxwell (FS), *KaDSci, LLC*, and Professor John Beverley, *SUNY at Buffalo*	
	Responsible AI: Supporting Meaningful Human Control with Ethical Principles and Technical Governance Ms. Diane Staheli, *MIT Lincoln Laboratory*, Mr. Taiye Lambo, *HISPI Project Cerebellum*, and Dr. Bob Underwood, *Design West Technologies, Inc.*	
0900 – 1200	**Technology Demonstrations** *(45 minutes each)*	*RAND, Room 6202*
	Bayesia	
	Noblis	
	Scale AI	
1200 – 1300	**Lunch**	*RAND*
1300 – 1430	**Tutorial Session**	*RAND, Room 6207*
	Edge AI: Running and Training LLMs and AI Models on Your Own Device Mr. John Babick, *EdgeRunner AI*	
1300 – 1430	**Technology Demonstrations** *(45 minutes each)*	*RAND, Room 6202*
	Arizona State University with Teuvonet Technologies	
	IvySys Technologies, LLC	
1430 – 1450	**Featured Presentation from the 2025 MORS Data Challenge**	*RAND, Room 6207*
	Leveraging LLMs to Classify Free-text Sentiment for the 2025 MORS Data Challenge Dr. Vincent Bauer, *Center for Naval Analyses*	
1430 – 1500	**Networking Break**	*RAND*
1500 – 1800	**Tour: Advanced Robotics for Manufacturing (ARM) Institute** *Hosted by CMU's Manufacturing Futures Institute and Catalyst Connections*	*Mill 19, Building A, 4501 Lytle St., Suite 200, Pittsburgh, PA 15207*
1700 – 1900	**No Host Social**	*Location TBD*

Day 2: Tuesday 21 April 2026 — *CMU*

Time	Event	Room/Location
0700 – 0800	**Registration**	*CMU, Rangos Hallway*
0700 – 0800	**Continental Breakfast and Networking**	*CMU, Connan Room*
0700 – 1700	**AI Exhibitor Showcase**	*CMU, Connan Room*
0800 – 0815	**Review of Day 1's Key Points** Dr. Daniel Maxwell, *AI Workshop Synthesis Chair*	*CMU, Rangos Room*
0815 – 0825	**Welcome to the AI Workshop** Dr. Nathaniel Bastian, *AI Workshop Chair*	*CMU, Rangos Room*
0825 – 0835	**MORS President Welcome and First Keynote Speaker Introduction** Mr. Nick Ulmer, *MORS President*	*CMU, Rangos Room*

Day 2: Tuesday 21 April 2026 — *CMU (Continued)*		
Time	**Event**	**Room/Location**
0835 – 0935	**Keynote: Accelerating Responsible Innovation for Mission Impact** Dr. William Streilein, *Noblis*	*CMU, Rangos Room*
0935 – 1005	**Networking Break**	*CMU, Connan Room*
1005 – 1015	**Intro to Day 2 Presentations, Panels, and Tracks** Mr. Dave Saranchak, *AI Workshop Co-Chair*	*CMU, Rangos Room*
1015 – 1150	**Track 1: Command and Control** *(30 minutes each)* Intro by Chair Brian Connolly	*CMU, Rangos Room*
	Hybrid Multi-Agent Reinforcement Learning (MARL) for Disaggregated Navigation: Combining Deep MARL with Heuristic Path-Planning to Balance Mission Safety and Synchronization in a Dynamic Wartime Environment Mr. Jonathan D'Souza, *Lockheed Martin*	
	Human–Machine Teaming in Distributed Command Environments: Lessons from AI-Facilitated Wargames Ms. Elçin Ada Sayin, *Radius Defence*; Mr. Levent Berke Çaplı; and Dr. Altan Özkil, *Atılım University*	
	Trust-Aware Spectrum Perception for Command and Control: A TRUE AI Framework for EMS Integrity Sensing Dr. Ruolin Zhou, *University of Massachusetts Dartmouth*; and Dr. Nathaniel D. Bastian	
1150 – 1250	**Lunch**	*CMU, Connan Room*
1250 – 1425	**Track 2: Sustainment/Contested Logistics** *(30 minutes each)* Intro by Chair Benjamin Moyer	*CMU, Rangos Room*
	From Factory to Fight: Agentic AI for Multi-echelon Sustainment in Next-generation Command and Control Dr. Chris Vredenburgh, *Govini*	
	Improving Army Data Completeness at Scale Through Large Language Models LTC Daniel Paul Baller, *U.S. Army Artificial Intelligence Integration Center (AI2C)*; CPT Olivia Beattie, *U.S. Army Artificial Intelligence Integration Center (AI2C)*; CPT Bonvie Fosam, *U.S. Army Artificial Intelligence Integration Center (AI2C)*; CPT Adam Knapp, *U.S. Army Artificial Intelligence Integration Center (AI2C)*; and Mr. Dominic Thomas, *LMI*	
	Shift5 for Sustainment/Contested Logistics Mr. Leith Daghistani, *Shift5*; and Mr. Jeremy Turbyfill, *Shift5*	
1400 – 1500	**Access to The Traub-McCorduck Collection at CMU** *(featuring Enigma Machines)*	*CMU, Hunt Library*
1425 – 1455	**Networking Break**	*CMU, Connan Room*
1455 – 1630	**Track 3: Warfighting and Planning** *(30 minutes each)* Intro by Chair Kasthuri Kannan	*CMU, Rangos Room*
	Measuring and Eliminating Refusals in Military Large Language Models Mr. Jack FitzGerald, *EdgeRunner AI*	
	How AI Integration Changes the Questioning Environment in Military Planning: An Ecological Framework for Preserving Decision Advantage Prof. Kristan J. Wheaton, *U.S. Army War College*	
	Proactive Agentic AI Evaluation for Multi-domain Synthetic Training Environments Mr. Kyle Shervington, *Aptima Inc.,* Ms. Laura Cassani, *Aptima Inc.*; Dr. Svitlana Volkova, *Aptima Inc.*; Adam Fouse, *Aptima Inc.*; Peter Bautista, *Aptima Inc.*; Ryan Kao, *Aptima Inc.*; Myke C. Cohen, *Arizona State University*; Patrick Gerard, *Aptima Inc.*; and Isabel Erickson, *Aptima Inc.*	
1630 – 1700	**Day 2 Wrap-up/Final Announcements** Mr. Dave Saranchak, *AI Workshop Co-Chair*	*CMU, Rangos Room*
1730 – 1930	**Social Mixer and Networking at Duo's Taqueria**	*5906 Penn Avenue, Pittsburgh, PA 15206*

Day 3: Wednesday 22 April 2026 — *CMU*		
Time	**Event**	**Room/Location**
0700 – 0800	**Registration**	*CMU, Rangos Hallway*
0700 – 0800	**Continental Breakfast and Networking**	*CMU, Connan Room*
0700 – 1800	**AI Exhibitor Showcase**	*CMU, Connan Room*
0800 – 0810	**Review of Day 2's Key Points** Dr. Daniel Maxwell, *AI Workshop Synthesis Chair*	*CMU, Rangos Room*
0810 – 0815	**Second Keynote Speaker Introduction** Dr. Nathaniel Bastian, *AI Workshop Chair*	*CMU, Rangos Room*
0815 – 0915	**Keynote: Operations Analysis in an Era of Artificial Intelligence: Work, Automation, and Expertise** Dr. David L. Alderson, *Naval Postgraduate School*	*CMU, Rangos Room*
0915 – 0940	**Networking Break**	*CMU, Connan Room*
0940 – 0945	**Intro to Day 3 Presentations, Panels, and Tracks** Mr. Tom Goode, *AI Workshop Co-Chair*	*CMU, Rangos Room*
0945 – 1120	**Track 4: Autonomous Agents and Multi-agent Systems** *(30 minutes each)* Intro by Chair Kathleen Hill	*CMU, Rangos Room*
	ChaMP - Chat-enabled Multi-agentic Mission Platform Mr. Ryan Himes, *Lockheed Martin*; Mr. Ryan Lagasse, *Lockheed Martin*; Mr. Matthew Rakel, *Lockheed Martin*; Ms. Kaila Billie, *Lockheed Martin*; Mr. Robert Lake, *Lockheed Martin*; Mr. Glen Chandler, *Lockheed Martin*; Dr. Hari Khanal, *Lockheed Martin*; Mr. Justin Cao, *Lockheed Martin*; Mr. Alexis Rosa Rivera, *Lockheed Martin*; and Mr. Minkyu Choi, *Lockheed Martin*	
	Compound AI Agents and Human Digital Twins for Multi-Domain Wargaming Mr. Kyle Shervington, *Aptima, Inc.*, Ms. Laura Cassani, *Aptima, Inc.*; Dr. Svitlana Volkova, *Aptima, Inc.*; Dr. Adam Fouse, *Aptima, Inc.*; Dr. John Feeney, *Aptima, Inc.*; Mr. Patrick Gerard, *Aptima, Inc.*; and Mr. Ryan Kao, *Aptima, Inc.*	
	Thinking Machines in the Spectrum: A Survey of Autonomous Agents, Explainability, and Multi-Agent Learning in Cognitive Electromagnetic Warfare Mr. Abderahim Salhi, *U.S. Army ERDC*; Dr. Ian Dettwiller, *U.S. Army ERDC*; Dr. Haley Dozier, *U.S. Army ERDC*; Mrs. Indu Shukla, *U.S. Army ERDC*	
1120 – 1220	**Lunch**	*CMU, Connan Room*
1220 – 1355	**Track 5: Kinetic Effects/Targeting and Fires** *(30 minutes each)* Intro by Co-Chair Michael Landin	*CMU, Rangos Room*
	A Comparison of Reinforcement Learning Methods for the Autonomous Aircraft Search and Service Problem MAJ John Goodwill, *Air Force Institute of Technology*	
	A New Technology—A Swarm of Autonomous Drones Defending Against a Swarm of Attacking Drones Dr. Asim Roy, *Arizona State University*	
	Exploring AI for Decision Support in Targeting CDT Ansh Deshmukh, *U.S. Military Academy at West Point*; MAJ Bijesh Shrestha, *Army Cyber Institute - U.S. Military Academy at West Point*; CPT Aaditya Bhatia, *U.S. Military Academy at West Point*; and Dr. Matthew Corbett, *Army Cyber Institute - U.S. Military Academy at West Point*	
1355 – 1425	**Networking Break**	*CMU, Connan Room*
1430 – 1530	**Access to The Traub-McCorduck Collection at CMU** *(featuring Enigma Machines)*	*CMU, Hunt Library*

Day 3: Wednesday 22 April 2026 — *CMU (Continued)*

Time	Event	Room/Location
1425 – 1600	**Track 6: Personnel, Finance, Business Operations, and Acquisition** *(30 minutes each)* Intro by Chair Kurt Pasque	*CMU, Rangos Room*
	Accelerating the Future: Applying AI Across the Federal Acquisition Lifecycle Mr. Ryan Novak, *MITRE Corporation*; Mr. Wilson Miles, *National Defense Industrial Association*; and Mr. Adam Bouffard, *MITRE Corporation*	
	A Centralized Financial Reporting System for Improved Data Access and Analysis Dr. Kumiko Dunn, *Naval Undersea Warfare Center (NUWC), Division Keyport*; Ms. Karen Knewtson; Mr. Emmanuel Delgado; Mr. Matthew Bauchspies, *Naval Undersea Warfare Center (NUWC), Division Keyport*; and Dr. Dallas J. Rosson, *Naval Undersea Warfare Center (NUWC), Division Keyport*	
	Learning Readiness, Not Just Course Completion: Outcome-based Competence Estimation from Training Telemetry Dr. J. Keith Dunbar, *FedLearn*	
1600 – 1630	**Day 3 Wrap-up/Final Announcements** Mr. Tom Goode, *AI Workshop Co-Chair*	*CMU, Rangos Room*
1630 – 1800	**Poster Session, Paper Proceedings Poster Session, and Networking** Dr. Kasthuri Kannan, *Poster Session Chair*	*CMU, Connan Room*

Day 4: Thursday 23 April 2026 — *RAND*

Time	Event	Room/Location
0700 – 0800	**Registration, Continental Breakfast, and Networking**	*RAND*
0800 – 0810	**Review of Day 3's Key Points** Dr. Daniel Maxwell, *AI Workshop Synthesis Chair,* and Dr. Nathaniel Bastian, *AI Workshop Chair*	*RAND, Room 6207*
0810 – 0815	**Third Keynote Speaker Introduction** Dr. Nathaniel Bastian, *AI Workshop Chair*	*RAND, Room 6207*
0815 – 0915	**Keynote 3** Dr. Matt Gaston, *Software Engineering Institute - Carnegie Mellon University*	*RAND, Room 6207*
0915 – 0945	**Track 9: SECRET - NOFORN**	*RAND, Room 6207*
	AI Reconnaissance: Triaging Machine Learning Source Code Mr. Kenneth Alperin, *MIT Lincoln Laboratory*	
0915 – 0945	**Networking Break**	*RAND*
0945 – 0950	**Intro to Day 4 Presentations, Panels, and Tracks**	*RAND, Room 6207*
0950 – 1125	**Track 7: Intelligence and Special Operations** *(30 minutes each)* Intro by Chair Sheila Alemany Blanco	*RAND, Room 6207*
	Enhancing Activity-based Intelligence Sense Making via Agentic AI Workflows Dr. William Dupree, *Aptima Inc.*; and Dr. Tim Halverson, *Aptima, Inc.*	
	Messaging Maneuvers: Generating and Evaluating Strategic Counterspeech with Large Language Model Dr. Olga Simek, *MIT Lincoln Laboratory*; Mr. Rohan Leekha, *MIT Lincoln Laboratory*; and Mr. Adam Tse, *MIT Lincoln Laboratory*	
	Characterization and Prediction of Behaviors of Moving Objects Using Agentic AI Workflows Dr. William Dupree, *Aptima Inc.*; Dr. Georgiy Levchuk, *Aptima Inc.*; Mr. Peter Bautista, *Aptima Inc.*; Ms. Christina Blatsos, *Aptima Inc.*; and Dr. Werner Born, *Aptima Inc.*	

Day 4: Thursday 23 April 2026 — *RAND (Continued)*		
Time	**Event**	**Room/Location**
1125 – 1155	**Track 7: SECRET - NOFORN**	*RAND, Room 6207*
	Applications of Generative Wargaming and Simulation (GenWar Sim) from Portfolio Assessment to Wargaming Mr. Peter Ward, *Johns Hopkins University – Applied Physics Laboratory*	
1125 – 1225	**Lunch**	*RAND*
1225 – 1400	**Track 8: Non-Kinetic Effects (Cyber, Information Operations, Electronic Warfare, and Space)** *(30 minutes each)* Intro by Chair Christian Becker	*RAND, Room 6207*
	Foundations of Cyber-behavioral Detection Capabilities Mr. Dan Ruef, *Software Engineering Institute - Carnegie Mellon University*	
	Agentic AI Alignment and Validation for Cognitive Warfare Modeling and Simulation Dr. William Dupree, *Aptima Inc.*; Ms. Laura Cassani, *Aptima Inc.*; Mr. Peter Bautista, *Aptima Inc.*; Mr. Gabriel Ganberg, *Aptima Inc.*; Mr. Ryan Kao, *Aptima Inc.*; and Dr. Svitlana Volkova, *Aptima Inc.*	
	Graph-theoretic Approaches to Cybersecurity Analytics in Large-scale Heterogeneous Security Data Environments CUI Mr. Joseph Levesque, *Department of Defense*	
1400 – 1430	**Track 8: SECRET - NOFORN**	*RAND, Room 6207*
	A More Integrated Approach Towards AI-Enabled Cyber Readiness for the Navy Fleet Mr. Jeremy Mineweaser, *MIT Lincoln Laboratory*	
1400 – 1430	**Networking Break**	*RAND*
1430 – 1605	**Track 9: Counter-AI** *(30 minutes each)* Intro by Chair Kenneth Alperin	*RAND, Room 6207*
	Using STPA-Sec to Design Secure AI-enabled Capabilities Dr. Matthew Walsh, *Software Engineering Institute - Carnegie Mellon University*; Dr. James Cunningham, *Software Engineering Institute - Carnegie Mellon University*; Dr. David Schulker, *Software Engineering Institute - Carnegie Mellon University*; and Mr. Shing-hon Lau, *Software Engineering Institute - Carnegie Mellon University*	
	Synthetic Text Detection: Watermark vs. Automatic Detection CUI Dr. Adaku Uchendu, *MIT Lincoln Laboratory*	
	Design and Deployment of Physical Adversarial Camouflage from Electro-optical UxS-employed Detection in Military Field CUI Ms. Jennifer Csicsery-Ronay, *Two Six Technologies*; Dr. Audrey Aldridge, *U.S. Military Academy at West Point*; Dr. Alexander Zaitzeff, *Two Six Technologies*; Mr. Tyler Errico, *U.S. Military Academy at West Point*; Dr. John James, *U.S. Military Academy at West Point*; Jack Corcoran; Dr. Michael Novitzky, *U.S. Military Academy at West Point*; and Dr. Nathaniel D. Bastian	
1605 – 1630	**Review of Day 4's Key Points and Closing Remarks** Dr. Daniel Maxwell, *AI Workshop Synthesis Chair,* and Dr. Nathaniel Bastian, *AI Workshop Chair*	*RAND, Room 6207*