



MORS AI Workshop

*Accelerating Data and Analytics
Capabilities for Artificial Intelligence*

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



Agenda *(as of 04/15/2026)*

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), <i>KaDSci, LLC</i> , and Professor John Beverley, <i>SUNY at Buffalo</i>	
	Responsible AI: Supporting Meaningful Human Control with Ethical Principles and Technical Governance Ms. Diane Staheli, <i>MIT Lincoln Laboratory</i> , Mr. Taiye Lambo, <i>HISPI Project Cerebellum</i> , and Dr. Bob Underwood, <i>Design West Technologies, Inc.</i>	
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, <i>EdgeRunner AI</i>	
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, <i>Center for Naval Analyses</i>	
1430 – 1500	Networking Break	RAND
1500 – 1800	Tour: Advanced Robotics for Manufacturing (ARM) Institute <i>Hosted by CMU's Manufacturing Futures Institute and Catalyst Connections</i>	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, <i>AI Workshop Synthesis Chair</i>	CMU, Rangos Room
0815 – 0825	Welcome to the AI Workshop Dr. Nathaniel Bastian, <i>AI Workshop Chair</i>	CMU, Rangos Room
0825 – 0835	MORS President Welcome and First Keynote Speaker Introduction Mr. Nick Ulmer, <i>MORS President</i>	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, <i>Noblis</i>	CMU, Rangos Room
0935 – 1005	Networking Break	CMU, Connan Room
1005 – 1015	Intro to Day 2 Presentations, Panels, and Tracks Mr. Dave Saranchak, <i>AI Workshop Co-Chair</i>	CMU, Rangos Room
1015 – 1150	Track 1: Command and Control (30 minutes each) Intro by Chair Brian Connolly 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, <i>Lockheed Martin</i> Human-Machine Teaming in Distributed Command Environments: Lessons from AI-Facilitated Wargames Ms. Elçin Ada Sayın, <i>Radius Defence</i> ; Mr. Levent Berke Çaplı; and Dr. Altan Özkil, <i>Atılım University</i> Trust-Aware Spectrum Perception for Command and Control: A TRUE AI Framework for EMS Integrity Sensing Dr. Ruolin Zhou, <i>University of Massachusetts Dartmouth</i> ; and Dr. Nathaniel D. Bastian	CMU, Rangos Room
1150 – 1250	Lunch	CMU, Connan Room
1250 – 1425	Track 2: Sustainment/Contested Logistics (30 minutes each) Intro by Chair Benjamin Moyer From Factory to Fight: Agentic AI for Multi-echelon Sustainment in Next-generation Command and Control Dr. Chris Vredenburgh, <i>Govini</i> Improving Army Data Completeness at Scale Through Large Language Models LTC Daniel Paul Baller, <i>U.S. Army Artificial Intelligence Integration Center (AI2C)</i> ; CPT Olivia Beattie, <i>U.S. Army Artificial Intelligence Integration Center (AI2C)</i> ; CPT Bonvie Fosam, <i>U.S. Army Artificial Intelligence Integration Center (AI2C)</i> ; CPT Adam Knapp, <i>U.S. Army Artificial Intelligence Integration Center (AI2C)</i> ; and Mr. Dominic Thomas, <i>LMI</i> Shift5 for Sustainment/Contested Logistics Mr. Leith Daghistani, <i>Shift5</i> ; and Mr. Jeremy Turbyfill, <i>Shift5</i>	CMU, Rangos Room
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 Measuring and Eliminating Refusals in Military Large Language Models Mr. Jack FitzGerald, <i>EdgeRunner AI</i> How AI Integration Changes the Questioning Environment in Military Planning: An Ecological Framework for Preserving Decision Advantage Prof. Kristan J. Wheaton, <i>U.S. Army War College</i> Proactive Agentic AI Evaluation for Multi-domain Synthetic Training Environments Mr. Kyle Shervington, <i>Aptima Inc.</i> ; Ms. Laura Cassani, <i>Aptima Inc.</i> ; Dr. Svitlana Volkova, <i>Aptima Inc.</i> ; Adam Fouse, <i>Aptima Inc.</i> ; Peter Bautista, <i>Aptima Inc.</i> ; Ryan Kao, <i>Aptima Inc.</i> ; Myke C. Cohen, <i>Arizona State University</i> ; Patrick Gerard, <i>Aptima Inc.</i> ; and Isabel Erickson, <i>Aptima Inc.</i>	CMU, Rangos Room
1630 – 1700	Day 2 Wrap-up/Final Announcements Mr. Dave Saranchak, <i>AI Workshop Co-Chair</i>	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, <i>AI Workshop Synthesis Chair</i>	CMU, Rangos Room
0810 – 0815	Second Keynote Speaker Introduction Dr. Nathaniel Bastian, <i>AI Workshop Chair</i>	CMU, Rangos Room
0815 – 0915	Keynote: Operations Analysis in an Era of Artificial Intelligence: Work, Automation, and Expertise Dr. David L. Alderson, <i>Naval Postgraduate School</i>	CMU, Rangos Room
0915 – 0940	Networking Break	CMU, Connan Room
0940 – 0945	Intro to Day 3 Presentations, Panels, and Tracks Mr. Tom Goode, <i>AI Workshop Co-Chair</i>	CMU, Rangos Room
0945 – 1120	Track 4: Autonomous Agents and Multi-agent Systems (30 minutes each) Intro by Chair Kathleen Hill ChaMP - Chat-enabled Multi-agentic Mission Platform Mr. Ryan Himes, <i>Lockheed Martin</i> ; Mr. Ryan Lagasse, <i>Lockheed Martin</i> ; Mr. Matthew Rakel, <i>Lockheed Martin</i> ; Ms. Kaila Billie, <i>Lockheed Martin</i> ; Mr. Robert Lake, <i>Lockheed Martin</i> ; Mr. Glen Chandler, <i>Lockheed Martin</i> ; Dr. Hari Khanal, <i>Lockheed Martin</i> ; Mr. Justin Cao, <i>Lockheed Martin</i> ; Mr. Alexis Rosa Rivera, <i>Lockheed Martin</i> ; and Mr. Minkyu Choi, <i>Lockheed Martin</i> Compound AI Agents and Human Digital Twins for Multi-Domain Wargaming Mr. Kyle Shervington, <i>Aptima, Inc.</i> ; Ms. Laura Cassani, <i>Aptima, Inc.</i> ; Dr. Svitlana Volkova, <i>Aptima, Inc.</i> ; Dr. Adam Fouse, <i>Aptima, Inc.</i> ; Dr. John Feeney, <i>Aptima, Inc.</i> ; Mr. Patrick Gerard, <i>Aptima, Inc.</i> ; and Mr. Ryan Kao, <i>Aptima, Inc.</i> Thinking Machines in the Spectrum: A Survey of Autonomous Agents, Explainability, and Multi-Agent Learning in Cognitive Electromagnetic Warfare Mr. Abderahim Salhi, <i>U.S. Army ERDC</i> ; Dr. Ian Dettwiller, <i>U.S. Army ERDC</i> ; Dr. Haley Dozier, <i>U.S. Army ERDC</i> ; Mrs. Indu Shukla, <i>U.S. Army ERDC</i>	CMU, Rangos Room
1120 – 1220	Lunch	CMU, Connan Room
1220 – 1355	Track 5: Kinetic Effects/Targeting and Fires (30 minutes each) Intro by Co-Chair Michael Landin A Comparison of Reinforcement Learning Methods for the Autonomous Aircraft Search and Service Problem MAJ John Goodwill, <i>Air Force Institute of Technology</i> A New Technology—A Swarm of Autonomous Drones Defending Against a Swarm of Attacking Drones Dr. Asim Roy, <i>Arizona State University</i> Exploring AI for Decision Support in Targeting CDT Ansh Deshmukh, <i>U.S. Military Academy at West Point</i> ; MAJ Bijesh Shrestha, <i>Army Cyber Institute - U.S. Military Academy at West Point</i> ; CPT Aaditya Bhatia, <i>U.S. Military Academy at West Point</i> ; and Dr. Matthew Corbett, <i>Army Cyber Institute - U.S. Military Academy at West Point</i>	CMU, Rangos Room
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, <i>MITRE Corporation</i> ; Mr. Wilson Miles, <i>National Defense Industrial Association</i> ; and Mr. Adam Bouffard, <i>MITRE Corporation</i>	
	A Centralized Financial Reporting System for Improved Data Access and Analysis Dr. Kumiko Dunn, <i>Naval Undersea Warfare Center (NUWC), Division Keyport</i> ; Ms. Karen Knewtson; Mr. Emmanuel Delgado; Mr. Matthew Bauchspies, <i>Naval Undersea Warfare Center (NUWC), Division Keyport</i> ; and Dr. Dallas J. Rosson, <i>Naval Undersea Warfare Center (NUWC), Division Keyport</i>	
	Learning Readiness, Not Just Course Completion: Outcome-based Competence Estimation from Training Telemetry Dr. J. Keith Dunbar, <i>FedLearn</i>	
1600 – 1630	Day 3 Wrap-up/Final Announcements Mr. Tom Goode, <i>AI Workshop Co-Chair</i>	CMU, Rangos Room
1630 – 1800	Poster Session, Paper Proceedings Poster Session, and Networking Dr. Kasthuri Kannan, <i>Poster Session Chair</i>	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, <i>AI Workshop Synthesis Chair</i> , and Dr. Nathaniel Bastian, <i>AI Workshop Chair</i>	RAND, Room 6207
0810 – 0815	Third Keynote Speaker Introduction Dr. Nathaniel Bastian, <i>AI Workshop Chair</i>	RAND, Room 6207
0815 – 0915	Keynote: Speed and Rigor: Foundational Practices for AI Engineering Dr. Matt Gaston, <i>Software Engineering Institute - Carnegie Mellon University</i>	RAND, Room 6207
0915 – 0945	Track 9: SECRET - NOFORN	RAND, Room 6207
	AI Reconnaissance: Triaging Machine Learning Source Code Mr. Kenneth Alperin, <i>MIT Lincoln Laboratory</i>	
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, <i>Aptima Inc.</i> ; and Dr. Tim Halverson, <i>Aptima, Inc.</i>	
	Messaging Maneuvers: Generating and Evaluating Strategic Counterspeech with Large Language Model Dr. Olga Simek, <i>MIT Lincoln Laboratory</i> ; Mr. Rohan Leekha, <i>MIT Lincoln Laboratory</i> ; and Mr. Adam Tse, <i>MIT Lincoln Laboratory</i>	
	Characterization and Prediction of Behaviors of Moving Objects Using Agentic AI Workflows Dr. Werner Born, <i>Aptima Inc.</i> ; Dr. William Dupree, <i>Aptima Inc.</i> ; Dr. Georgiy Levchuk, <i>Aptima Inc.</i> ; Mr. Peter Bautista, <i>Aptima Inc.</i> ; and Ms. Christina Blatsos, <i>Aptima Inc.</i>	

Day 4: Thursday 23 April 2026 — RAND (Continued)

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