

AGENDA

Monday, 23 March 2026

Pre-Workshop Courses and Autonomy Expo		
1200	Check-In/To-Go Lunch	
1300	Track A: Courses	Track B: Autonomy Expo (CUI)
	AI System Architecture and Deployment Guidelines <i>Dave Martinez, MIT LL</i>	Autonomy AI Fresco <i>Eric Cristofalo, MIT LL</i>
	Safe Reinforcement Learning for Autonomous Systems <i>Trevor Ashley, MIT LL</i>	Tactical Navigation (TNAV) <i>Luis Alvarez, MIT LL</i>
	Operator-Focused Explainable AI: From Concept to Comparison to Deployment <i>Ngairé Underhill, Izzy Hurley, Melanie Platt, Harry Li, Erfan Noorani, Daniel Stabile, Edward Kao, MIT LL</i>	Autonomous Mobility through Intelligent Collaboration (AMIC) <i>Dan Stoianovici, MIT LL</i>
	A Practical Guide to Applied Generative AI <i>Pooya Khorrami, Evan Young, Charlie Dagli, Kenneth Alperin, Trang Nguyen, Ashok Kumar, MIT LL</i>	Scalable Heterogeneous Autonomy for Resilient Coordination (SHARC) <i>Brendan Long, MIT LL</i>
	Hands-On Amazon Web Services (AWS) for AI <i>Brian McCarthy, Kwadwo Ankrach-Kusi, AWS</i>	Static Robot Displays

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AGENDA
Tuesday, 24 March 2026
Generative and Agentic AI

0800	Check-In/Continental Breakfast	
0900	Workshop Overview and Welcome	<i>Jaime Peña, Ho Chit Siu, MIT LL</i>
0910	Opening Remarks	<i>Melissa G. Choi, Director, MIT LL Heidi Perry, Chief Technology Officer, MIT LL</i>
0915	Keynote	<i>Frank Kendall, 26th Secretary of the U.S. Air Force</i>
1015	Networking Break	

Session 2-1: Innovations in Generative and Agentic AI

1030	Session Introduction	<i>Charlotte Shabarekh, MIT LL</i>
1035	Enhancing Mission Readiness with Automated Assessments	<i>Rachel Amey, Army Research Institute</i>
1055	Open-World Reasoning for Army Autonomous Heterogeneous Systems	<i>Celso De Melo, U.S. Army DEVCOM</i>
1115	AI Benchmarks for National Security	<i>Glenn Parham, GovBench</i>
1135	Lunch	

Session 2-2: Operational Use of Generative and Agentic AI

1235	Session Introduction	<i>Erika Mackin, MIT LL</i>
1240	Operationalizing SOUTHCOM Data through Natural Language Processing and Large Language Models	<i>Jason Schoch, US SOUTHCOM</i>
1300	Enabling Secure and Scalable Evaluation of Generative AI Models for Performance and Trustworthiness Tradeoffs	<i>Swaroop Vattam, Michael Yee, MIT LL</i>
1320	Generating Synthetic Patients in Support of Mass Casualty Exercises	<i>Cindy Engholm, Yan Glina, MIT LL</i>
1340	Networking Break	

Session 2-3: Human-AI Integration

1400	Session Introduction	<i>Steve Gomez, MIT LL</i>
1405	Field Artificial Intelligence Triage	<i>Kevin Brady, MIT LL</i>
1425	Debrief Engine to Enhance Mental Model Alignment with AI Teammates	<i>Izzy Hurley, Melanie Platt, MIT LL</i>
1445	Human-Agent Teaming Capabilities for Cyber Operations	<i>Harry Li, MIT LL</i>

AGENDA

Tuesday, 24 March 2026, continued

1505	Networking Break	
1525	Poster Session Lightning Talks	
	Session Introduction	<i>Heather Grebe, Cuyler O'Brien, MIT LL</i>
	Human-Machine Teaming with Scene Graphs: LLM Tool Agents for User Interaction	<i>Laura Niss, MIT LL</i>
	CHIMERA: Chemical Indicator Materials Realized by AI	<i>Richard Kingsborough, Lin Li, MIT LL</i>
	Author Identification in the Age of LLMs: Native Language and Synthetic Text Identification	<i>Kenneth Alperin, Adaku Uchendu, MIT LL</i>
	NITMRE: Incorporating AI into Military Chat Operations	<i>Courtland VanDam, Leslie Shing, MIT LL</i>
	AI-Enhanced Interference Rejection	<i>Rahul Jain, MIT LL</i>
	Guardian Autonomy for Safe Decision Making	<i>Jaime Peña, Maj Dan Durbin, MIT LL</i>
	Efficient Neural Networks for Vessel Detection in Portable Ultrasound Guided Procedures	<i>Mateusz Wolak, MIT LL</i>
	Radiology Foundation Model Development to Accelerate Medical Image Interpretation for Field Forward Care	<i>Lars Gjestebj, MIT LL</i>
	Modular Electronic Protection with AI/ML	<i>Keith Forsythe, MIT LL</i>
	Poster Session Wrap-Up	<i>Heather Grebe, Cuyler O'Brien, MIT LL</i>
1630	Poster Session and Networking Reception (Cafeteria)	

AGENDA
Wednesday, 25 March 2026

Robotics and Autonomy	
Session 3-1A: Operational Picture (Auditorium Secret)	
Session 3-1B: Cross-Sector Panel (S2-180 Unclassified)	
0800	Check-In/Continental Breakfast
0900	Session Introduction <i>Ben Price, MIT LL</i>
0910	Keynote Introduction <i>Louis Musinski, MIT LL</i>
0915	Keynote <i>Col Justin Gamel, Director, Battle Lab, Ninth Air Force, Air Forces Central</i>
0945	Feature Introduction <i>Louis Musinski, MIT LL</i>
0950	Featured Talk <i>Col Ryan "Dingo" Simms, USAFE</i>
1020	Networking Break
Session 3-2: Contested PNT, Control, and Maneuver	
1035	Session Introduction <i>Andrew Heier, MIT LL</i>
1040	Scalable Visual Global Localization for Multi-Agent Teams <i>Jon How, MIT</i>
1100	Integrating AI/ML Capabilities into Alt-PNT Systems <i>Ted Steiner, Draper</i>
1120	Ground Autonomy in Contested and Comms Denied Battlefields <i>Jon Hastie, Forterra</i>
1140	Lunch
Session 3-3: Battlefield ISR, Awareness, and Reasoning	
1240	Session Introduction <i>Andrew Schoer, MIT LL</i>
1245	Leveraging Cloud Based Infrastructure to Deliver AI to the Edge <i>James McGee, UWDC</i>
1305	Cooperative Underwater Navigation and Recognition <i>Madeline Miller, MIT LL</i>
1325	Scalable and Intelligent Command of Multi-Domain Autonomous Systems <i>Zack Serlin, HavocAI</i>
1345	Networking Break
Session 3-4: Multi-Agent Systems and Human Control	
1405	Session Introduction <i>Amy Fang, MIT LL</i>
1410	Swarming Autonomy Initiative at Lincoln Laboratory <i>Max Merfeld, MIT LL</i>
1430	Multi-Robot Sliding Mode Autonomy (MRsMA) <i>Matt Travers, CMU</i>
1450	Neurosymbolic Strategies for Multi-Agent Coordination <i>Alberto Speranzon, Lockheed Martin</i>
1510	Multi-Agent Systems for Aerial and Space-Based Sensing <i>Hamsa Balakrishnan, MIT</i>
1530	Robotics and Autonomy Day Wrap-Up <i>Rob Frei, Erfan Noorani, Ben Price, MIT LL</i>

AGENDA

Thursday, 26 March 2026

Track A: Trusted and Assured AI		Track B: Industry (\$2-180 Unclassified Hybrid)	
Session 4-0A: TS/SCI Keynote		Session 4-1B: Frontier AI Revolution	
0800	Check-In/Continental Breakfast	0800	Check-In/Continental Breakfast
0900	Opening Remarks <i>Kenny Alperin, MIT LL</i>	0900	Day Remarks and Morning Session Introduction <i>Sanjeev Mohindra, MIT LL</i>
0910	Keynote <i>IC Members</i>	0910	Mission Advantage: Accelerating DoW Outcomes with AWS AI/ML <i>Virgil Ennes, Amazon</i>
		0930	Google AI in Defense <i>Zahra Najmi, Troy Blanchard, Google</i>
0950		0950	Accelerating Novel Discoveries to Rapidly Pivot Supply Chains: Towards Resilient Organic Redox Flow Batteries for Liquid Power <i>Newman Cheng, Microsoft</i>
1010	Networking Break	1010	Networking Break
Session 4-1A: AI Red Teaming (SCI Session)			
1030	Session Introduction <i>Chris Connelly, MIT LL</i>	1030	Accelerating Responsible Innovation for Mission Impact <i>Cody Rutherford, Noblis</i>
1035	Challenges and Opportunities in AI Test and Evaluation: A Mission-Driven Case Study <i>Jeff Arena, MIT LL</i>	1050	ConductorOS <i>Dan Miller, Bradley Zogopoulos, BigBear.ai</i>
1055	Security Assessments of Open Weight Large Language Models <i>Ben Miller, MIT LL</i>		
1115	Beyond the Model: Red-Teaming AI Systems for Trustworthy and Resilient Deployment in Adversarial Landscapes <i>Deepu Jose, Sandia</i>	1110	Technology Transfer Pathways at MIT Lincoln Laboratory <i>Jordan Mizerak, MIT LL</i>
1135	Lunch	1130	Lunch

AGENDA
Thursday, 26 March 2026, continued

Session 4-2A: AI Mission Integration (SCI Session)		Session 4-2B: Robotic Platforms and Autonomous Control	
1235	Session Introduction <i>Michael Chan, MIT LL</i>	1235	Session Introduction <i>Max Merfeld, MIT LL</i>
1240	AERO: Assurance, Evaluation, Robustness, and Onboarding - AI Assurance at Speed <i>Ryan Hetrick, USCC AI Task Force</i>	1240	Hivemind for Helicopter Autonomy <i>Inderraj Singh Grewal, Shield AI</i>
1300	AI and Command and Control at USEUCOM <i>COL Bobby Sickler, USEUCOM</i>	1300	Enabling Collaborative Autonomy: Making Multi-Platform Teamwork a Reality <i>David Koelle, Charles River Analytics</i>
1320	Leveraging Physics Informed Symmetries for Out-of-Band Drone Detection <i>Joey Botero, MIT LL</i>	1320	Wide Are the Gates: An Inclusive Approach to Disruptive Swarm Autonomy <i>Ben Galdo, Sea Machines</i>
1340	Networking Break	1340	The Last 20% Problem: Verifying and Deploying AI-Generated Software <i>Peter Morales, Code Metal</i>
1400	Networking Break	1400	Networking Break
All Tracks: Closing (Auditorium Unclassified Hybrid)			
1420	Session Introduction	<i>Joe Campbell, MIT LL</i>	
1425	Future of AI: Air Force AI Accelerator Panel	<i>Daniela Rus, MIT CSAIL Bob Bond, MIT LL Col Scott Ruppel, DAF Sanjeev Mohindra, MIT LL Moderator: Joe Campbell, MIT LL</i>	
1525	Workshop Closing Remarks	<i>Heidi Perry, MIT LL</i>	