Global Critical Infrastructure Workshop



Agenda-at-a-Glance *(as of 09/14/26)*

Day 1: Tuesday 15 September 2026		
Time	**Event**	**Room/Location**
0700 – 0800	**Registration**	*Mystic Foyer*
0700 – 0800	**Continental Breakfast and Networking**	*Mystic Foyer*
0815 – 0835	**Welcome to the Global Critical Infrastructure Workshop** Dr. Jessica Lyons, *GCI Workshop Chair*	*Mystic Salon A/B/C*
0835 – 0850	**MORS President Welcome and First Keynote Speaker Introduction** LTC Jaison Desai, Ph.D., *MORS President*	*Mystic Salon A/B/C*
0850 – 1015	**Keynote: Global Critical Infrastructure: The Strategic Imperative** Dr. Steven A. Stoddard, Director, *Center for Army Analysis*	*Mystic Salon A/B/C*
1015 – 1115	**Networking Break**	*Mystic Foyer*
1115 – 1200	**Large Discussion, Intro to Groups and Presentations** Dr. Jessica Lyons, *GCI Workshop Chair*	*Mystic Salon A/B/C*
1200 – 1300	**Lunch**	*Mystic Foyer*
1300 – 1340	**Lightning Presentations – Energy Track** *(7-minute presentations)*	*Mystic Salon A/B/C*
	Agentic AI for Chaos Engineering in Critical Infrastructure Environment Mr. Navid Bavar, *MIT Lincoln Laboratory*	
	IRON: A Mixed-integer Optimization Framework for Critical Energy Infrastructure Lifecycle Management Ms. Kimberly Cull, *ITA International*	
	Integrated Modeling of Critical Infrastructure for Military Resilience Mr. Kirk Bonney, *Sandia National Laboratories*	
	Modeling Mission Assurance as a Function of Installation Resilience Mr. Richard Garrett, *Sandia National Laboratories*	
1340 – 1430	**Lightning Presentations – Cybersecurity Track** *(7-minute presentations)*	*Mystic Salon A/B/C*
	Zero Trust for Operational Technology Mr. Eric Harmon, *MIT Lincoln Laboratory*	
	Stormbreaker: Dynamic Evaluations of AI for Infrastructure and OT Cybersecurity Dr. Wei Trinh, *Lawrence Livermore National Laboratory*	
	Proposal for a Critical Infrastructure Resilience Game Engine Dr. David I. Schwartz, *RIT*	
	Quantum Agility as Architecture: How TAC Reduces Network Exposure During PQC Transition Mr. Brendan Sullivan, *Invisinet Technologies LLC*	
	Assessing Adversarial Subversion Risk Mr. Nathaniel Myers, *Technomics, Inc.*	

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Time	Event	Room/Location
1430 – 1500	**Lightning Presentations – Supply Chains/Logistics Track** *(7-minute presentations)*	*Mystic Salon A/B/C*
	Mitigating Infrastructure Risk in Advanced Naval Basing (ANB) Through for Resilient Mobile Infrastructure Networks Mr. Norm Reitter, *Sawatch Outliers*	
	Mitigating GRIEF, Building SECURE Supply Chains: A Gray Zone Risk Modeling Framework Dr. J. Michael Grappone, *Lawrence Livermore National Laboratory*	
	Funded but Unstaffed: The Workforce Assumption in Resilience Investment Dr. Ekaterina Brancato, *ITA International*	
1500 – 1530	**Networking Break**	*Mystic Foyer*
1530 – 1700	**Break Out Rooms for Discussion** *Identification of current gaps, potential future concerns, future direction of the field, and evaluation of resilience of topics in relation to critical infrastructure*	*Conference Rooms 1/2/3*
1700 – 1900	**Networking Social**	*Conference Room 7*

Day 2: Wednesday 16 September 2026

Time	Event	Room/Location
0700 – 0800	**Registration**	*Mystic Foyer*
0700 – 0800	**Continental Breakfast and Networking**	*Mystic Foyer*
0800 – 0930	**Keynote Address** Dr. Amy Donahue, *Provost and Chief Academic Officer, U.S. Coast Guard Academy*	*Mystic Salon A/B/C*
0930 – 1030	**Networking Break**	*Mystic Foyer*
1030 – 1200	**Panel: Risks and Benefits of AI for Critical Infrastructure** **Moderator:** Mr. Robert (Bob) Hanson, *Lawrence Livermore National Laboratory* **Panelists:** Dr. Wei Trinh, *Lawrence Livermore National Laboratory*; Dr. Annie Weathers, *MIT Lincoln Laboratory*; and Ms. Carmen Zapata, *General Dynamics Information Technology*.	*Mystic Salon A/B/C*
1200 – 1300	**Lunch**	*Mystic Foyer*
1300 – 1350	**Lightning Presentations – Energy Track** *(7-minute presentations)*	*Mystic Salon A/B/C*
	Physics-verified Continuous Condition Monitoring for Critical Infrastructure Resilience: A 4 Second Assertion Cycle for Admissible Physical Condition Records Mr. Victor Rieber, *6SenseGlobal, LLC*	
	Resilience-driven Network Optimization for Federal Energy Infrastructure: A Digital Twin Approach Ms. Kimberly Cull, *ITA International*	
	The Tactical Microgrid Standard—Tactical, Installation, and Community Applications Mr. Thomas A. Bozada, *U.S. Army CERL* WITHDRAWN	
	Project ARMOR: Utility Risk Screening Assessment Mr. Matthew Caulfield, *Lawrence Livermore National Laboratory*	
	Uranium Conversion: The Little Known Single Point Vulnerability and Target Mr. Christopher James Rimel, *FluxPoint Energy*	

Day 2: Wednesday 16 September 2026

Time	Event	Room/Location
1350 – 1430	**Lightning Presentations – Cybersecurity Track** *(7-minute presentations)*	*Mystic Salon A/B/C*
	Defeating Volt Typhoon: How First Packet Authentication Stops Nation-state Attacks Against Critical Infrastructure Mr. Brendan Sullivan, *Invisinet Technologies LLC*	
	Cybersecurity for Electric Utilities Dr. Amelia Servi, *MIT Lincoln Laboratory*	
	The Utility Self-assessment Tool: Lessons Learned from Use Dr. Saul Schaffer, *Lawrence Livermore National Laboratory*	
	Physics-based Modeling of Critical Infrastructure Cybersecurity Impacts on Mission Related Outcomes Mr. Samuel Litchfield, *Georgia Tech Research Institute*	
1430 – 1500	**Lightning Presentations – Supply Chains/Logistics Track** *(7-minute presentations)*	*Mystic Salon A/B/C*
	Generating Adaptive Capability from Constraints: Aligning Operational Dependency, Requirements, and Competitive Procurement to Sustain Advantage in Maritime Expeditionary Operations LCDR Adam Pierce, *U.S. Navy*	
	PIRANHA: Agent-based Simulation for Resilient Logistics at Scale Dr. Robert Seater, *MIT Lincoln Laboratory*	
	Strategic Planning for Model Success: Aligning Who Pays, Who Benefits, and Who Decides Dr. Ekaterina Brancato, *ITA International*	
1500 – 1530	**Networking Break**	*Mystic Foyer*
1530 – 1700	**Break Out Rooms for Discussion** *Proposed solutions and COAs for addressing gaps identified and increasing resilience, mapping next 5-10 years of each field*	*Conference Rooms 1/2/3*

Day 3: Thursday 17 September 2026

Time	Event	Room/Location
0700 – 0800	**Registration**	*Mystic Foyer*
0700 – 0800	**Continental Breakfast and Networking**	*Mystic Foyer*
0800 – 0830	**Intro to Dysruption and Critical Infrastructure Gaming** Dr. Dan Eisenberg, *Naval Postgraduate School*, and Dr. Dave Alderson, *Naval Postgraduate School*	*Mystic Salon A/B/C*
0830 – 1000	**Gaming Session**	*Mystic Salon A/B/C*
1000 – 1030	**Networking Break**	*Mystic Foyer*
1030 – 1200	**Gaming Session** *(Continued)*	*Mystic Salon A/B/C*
1200 – 1300	**Lunch**	*Mystic Foyer*
1300 – 1430	**Break Out Rooms for Discussion** *Developing outbriefs*	*Conference Rooms 1/2/3*
1430 – 1500	**Networking Break**	*Mystic Foyer*
1500 – 1630	**Out Briefs and Workshop Summary** Dr. Jessica Lyons, *GCI Workshop Chair*	*Mystic Salon A/B/C*

