



## Workshop Agenda

0835 **Workshop Overview, Livia Racz**  
 0845 **Welcome and Keynote Introduction, Eric Evans**

0900 **Workshop Keynote 1**  
 Maj Gen John Shaw  
 Commander, Combined Force Space Component Command, U.S. Space Command; and Commander, Space Operations Command, U.S. Space Force

0935 **Space: A Critical Enabler for Joint Warfighting**  
 Chair: Anne Adamczyk  
 MIT Lincoln Laboratory

0940 **Orbital Threat Capability Analysis**  
 Stephen O'Keefe  
 MIT Lincoln Laboratory

1005 **Name and title suppressed**

1030 **Recent Observations of Threats to Space**  
 James Miller  
 MIT Lincoln Laboratory

1055 **N81 Remote Sensing Study**  
 Andrew March  
 MIT Lincoln Laboratory

1120 **IT Break**

1125 **Multidomain Architectures and Advanced Technologies**  
 Chair: Darren Rand  
 MIT Lincoln Laboratory

1130 **Session Keynote: Army Directed Energy Overview**  
 Craig Robin  
 Deputy Director, Directed Energy Project Office Rapid Capabilities and Critical Technologies Office

1200 **JADC2 Demonstration in EUCOM AOR**  
 Kevin Cohen  
 MIT Lincoln Laboratory, Special Advisor to COM USAFE

1225 **Keynote Introduction, Eric Evans**

1235 **Workshop Keynote 2**  
 Brig Gen James P. Isenhower  
 Commanding General, Multi-domain Task Force

1305 **Gray Eagle Survivability Enhancement Options**  
 Eric Burcsu  
 MIT Lincoln Laboratory

1330 **VAMO: AI Processing of Chat to Accelerate Army Fires**  
 Andrew Heier  
 MIT Lincoln Laboratory

1355 **IT Break**

1400 **Novel Effects Chains**  
 Chair: Aradhana Narula-Tam  
 MIT Lincoln Laboratory

1405 **Session Keynote: Connectivity for ABMS**  
 Greg Spanjers  
 ABMS Lead, Connectivity Category and CommercialONE and Chief Scientist, AF Strategic Development Planning and Experimentation

1435 **Space Combat Cloud**  
 Crystal Jackson  
 MIT Lincoln Laboratory

1505 **Maintaining Custody of Targets**  
 Seth Kosowsky  
 MIT Lincoln Laboratory

1530 **Long Range Engagements**  
 Michael Muno  
 MIT Lincoln Laboratory

1555 **IT Break**

1600 **Robust AI for DoD Missions**  
Chair: William Streilein  
MIT Lincoln Laboratory

1605 **Session Keynote: Robust AI for the IC**  
John Beiler  
Director, Science & Technology, Office of  
the Director of National Intelligence

1640 **Resiliency for AI Systems in the DoD**  
MAJ Nathaniel Bastian  
Chief AI Architect, Office of CTO,  
JAIC, US DoD

1705 **AI Robustness in the Face of Random or Directed Data Attacks**  
W. Philip Kegelmeyer  
Sandia National Laboratory

1730 **Raiden Toolbox for Robust AI**  
Michael Yee  
MIT Lincoln Laboratory

1755 **Wrap-up, Gregory Hogan**  
MIT Lincoln Laboratory



DISTRIBUTION STATEMENT C. Distribution authorized to U.S. Government agencies and their contractors; Critical Technology; 2015. Other requests for this document shall be referred to AFLCMC/AZS, 20 Schilling Circle, Hanscom AFB MA 01731.

WARNING: This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et seq.) or the Export Administration Act of 1979 (Title 50, U.S.C., App. 2401 et seq.), as amended. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25. DESTRUCTION NOTICE: For unclassified, limited distribution documents, destroy by any method that will prevent disclosure of the contents or reconstruction of the document.

This material is based upon work supported by the United States Air Force under Air Force Contract No. FA8702-15-D-0001. Any opinions, findings, conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the United States Air Force.