

AGENDA

- 22 June (Mon)** **Cyber X-Games**
 0700–0730 **On-Site Registration** (Cyber X-Games Participants Only)
 0730 **Cyber X-Games Begin**
- 23 June (Tues)**
 0800–0850 **Registration and Check In/Continental Breakfast**
 0850–0905 **Welcoming Remarks**
MIT LL Security Overview
MIT LL Administrative Remarks
 – Ms. Paula Donovan, MIT Lincoln Laboratory
 0905–0910 **Introduction to the Symposium**
 – CW3 Chris Manuel, Army Reserve Cyber Operations Group (ARCOG)
 0910–0915 **Introduction of Keynote Speaker**
 – Dr. Hy Rothstein, Director, DoD IO Center for Research at the Naval Postgraduate School
 0915–1000 **Keynote Speaker**
 – LTG Rhett Hernandez, USA (Retired), Faculty, Thayer Leadership Development Group at West Point/Former Commander, Army Cyber Command/2nd US Army
 1000–1015 **Break**
 1015–1115 **Distinguished Guest Speaker**
 – RADM Sean Filipowski, Senior Military Advisor for Cyber, Under Secretary of Defense for Policy
 1115–1200 **Cyber X-Games Overview**
 – MAJ Christopher Rowey, Army Reserve Cyber Operations Group (ARCOG)
Cyber Range Capabilities
 – Dr. Timothy Braje, MIT Lincoln Laboratory
 1200–1300 **Lunch**
 1300–1430 **Panel: Manned and Unmanned Platforms with Cyber Capabilities**
Moderator: Mr. Robert Spousta, Sensemaking-U.S. Pacific Command Doctoral Fellow
 – BG Stephen Hager, Deputy Commanding General 335 Signal Command
 – CDR Zachary Staples, Director, Center for Cyber Warfare Naval Postgraduate School
 – Mr. Robert Griffin GM IBM
 – Mr. Russell Frew, Corporate Vice President, Lockheed Martin
Focuses on Ground-Based Platforms, UAS and manned platforms with Cyber Capabilities to support the tactical troops, and panelist perspectives on what capabilities (at multiple TRLs) are available, what will be available, and what is needed.
 1430–1450 **Break**
 1450–1530 **Command and Control of the Information Environment – OSD Sponsored Project**
 – Mr. Robert Giesler, Plans and Strategy OSD/ATL
 1530–1720 **Panel: Information Operations and Messaging in the Cyber Domain**
Moderator: Dr. Steve Chan, Director, Sensemaking-U.S. Pacific Command Fellowship
 – Mr. John Zabel, Strategy & Policy/Information Operations, Office of the Under Secretary for Policy
 – Mr. Robert Giesler, Plans and Strategy OSD/AT&L
 Former Director, Information Operations and Strategic Studies, Office of the Secretary of Defense
 – Dr. Hy Rothstein, Director, DoD IO Center for Research at the Naval Postgraduate School
 – COL Molly McGlaughlin, 151st Theater Information Operations Group (TIOG), Brigade Commander
 1720–1730 **Day One Closing Remarks**
 – COL Mark DiTrollo, Commander, Army Reserve Cyber Operations Group (ARCOG)
 1730 **End Day One**

AGENDA

June 24 (Wed)

0700–0800

Registration and Check In/Continental Breakfast

0800–0805

MIT LL Security and Administrative Remarks: Ms. Paula Donovan, MIT Lincoln Laboratory

0805–0815

Day Two Welcoming Remarks

- Dr. Hy Rothstein, Director, DoD IO Center for Research at the Naval Postgraduate School
- COL Mark DiTrolio Commander Army Reserve Cyber Operations Group

0815–0915

Executive Panel: U.S. Army Reserve and National Guard Cyber Perspectives

- MG Daniel York, Commander 76th Operational Response Command
- BG Stephen Hager, Deputy Commanding General 335 Signal Command
- BG Mark Mitchie, Wisconsin Army National Guard's Land Component Commander
- COL Mark DiTrolio, Commander Army Reserve Cyber Operations Group

0915–0925

MC Remarks: Mr. Thomas Sweet, President, IO Centric Solutions

0925–0945

Break

0945–1200

Panel: Identifying, Exploiting and Countering the Adversary's Use of "Disruptive" Identity Technology in Cyberspace (Senior Leadership/Government Perspectives)

Moderator: Dr. Steve Chan, Director, Sensemaking-U.S. Pacific Command Fellowship

- Mr. Randall Cieslak, SES, Chief Information Officer, U.S. Pacific Command
- Mr. Duane Blackburn, MITRE (Former Director for Identity Management and Homeland Security at the White House Office of Science and Technology)
- Mr. Dennis Desmond, Chief, Identity Management Branch, U.S. Special Operations Command
- Mr. Robert Griffin, Advisory Board Member, Sensemaking-U.S. Pacific Command Fellowship
- Mr. Bill Zimmerman, Chief Engineer, Defense Forensics and Biometrics Agency
- Mr. Kelly Williams, Identity Operations Systems Engineer, SSC Atlantic (Joint/National Perspectives)
- Mr. Adolphus "JR" Burrow, FMS Identity Operations Programs, SSC Atlantic (Coalition Partner Perspectives)

Joint, National, and Coalition Warfighter perspectives on topics to include the convergence of Identity Operations with the Tactical Cyber Domain; developing and integrating Near Real-Time Identity Operations Solutions into C5ISR/Tactical Cyber Systems and Platforms in support of current Identity Operations Challenges, Gaps, and Requirements; and exploiting and countering adversaries' increasing use of "disruptive Identity technologies."

1200–1300

Lunch/MIT Lincoln Laboratory Research Posters and Demonstrations (located in Green Room)

1300–1330

Naval Postgraduate School Common Operational Research Environment (CORE) Methodologies and Tools

- Dr. Sean Everton, Associate Professor, Department of Defense Analysis, Naval Postgraduate School

1330–1500

Panel: Identifying, Exploiting, and Countering the Adversary's Use of Future "Disruptive" Technology in Cyberspace (National Laboratory/Industry Perspectives)

Moderator: Ms. Alison Kuzmickas, Sensemaking-U.S. Pacific Command Doctoral Fellow

- Dr. Steve Chan, IBM Center for Resiliency and Sustainability/Mehta Tech
- Mr. Jeffrey Katz, CTO, IBM Energies and Utilities
- Mr. Andrew Heier, Intelligence and Decision Technologies, MIT Lincoln Laboratory
- Ms. Susan Hammon, LexisNexis

Community "Lightening Talks" on solutions (material and non-material) for identifying, exploiting, and countering the adversaries' increasing use of disruptive technology against U.S. and Coalition Forces in Cyberspace, to include advanced analytics and sensing technologies and techniques)

1500–1520

Break/Security Classification Shift to Secret Level

1520–1525

Security Remarks: Ms. Paula Donovan, MIT Lincoln Laboratory

1525–1710

Panel: Identifying and Countering the Adversary in Cyberspace (Identity Intelligence Community Perspectives) (Secret Level)

Moderator: Mr. Sean Kanuck, National Intelligence Officer for Cyber Issues, ODNI

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- Mr. Dalton Jones, Forensic, Biometrics, and Identity Intelligence Executive, Defense Intelligence Agency
- Mr. Robert Giesler, Plans and Strategy OSD/AT&L
- Ms. Maureen Hunter, MIT Lincoln Laboratory
- Mr. Thomas "TJ" O'Neill, Supervisor, Analytics for Thompson Reuters Special Services

Joint and National Warfighter, and National Laboratory, perspectives on Identity Intelligence, and the myriad challenges and opportunities associated with characterizing, identifying, and countering the threat in Cyberspace (e.g., nation states, hackers, insider threats)

1710–1725

Cyber X-Games Outbrief (Secret Level)

- MAJ Christopher Rowey - Army Reserve Cyber Operations Group (ARCOG)

1725–1730

Day Two Closing Remarks (Secret Level)

- Dr. Hy Rothstein, Director, DoD IO Center for Research at the Naval Postgraduate School

1730

End Day Two

AGENDA

- June 25 (Thu)**
- 0700–0755 **Registration and Check In/Continental Breakfast**
- 0755–0800 **MIT LL Security Remarks**
– Mr. Chad Jusseaume
- 0800–0805 **Opening Remarks**
– Ms. Paula Donovan, MIT Lincoln Laboratory
- 0805–0900 **Keynote Speaker (Top Secret/SCI)**
– BG Patricia Frost, USA, Deputy Commanding General for Operations, Army Cyber Command
- 0900–0940 **Current Cyber Threats to U.S. Government (Top Secret/SCI)**
– MAJ Thomas Doyle, Army Reserve Cyber Operations Group (ARCOG)
- 0940–1020 **Modeling Threats to Positioning, Navigation and Timing (Secret Level)**
– MAJ Brown, Product Director, Precision, Navigation and Timing
- 1020–1035 **Break**
- 1035–1135 **USAF Red Team Assessment of Platform 1 (Top Secret/SCI)**
– Mr. Chris Sacca, MIT Lincoln Laboratory
- 1135–1205 **USAF Red Team Assessment of Platform 2 (Top Secret/SCI)**
– Mr. Drew Hearle, MIT Lincoln Laboratory
- 1205–1305 **Lunch**
- 1305–1310 **MC Remarks**
– Mr. Chris Sacca, MIT Lincoln Laboratory
- 1310–1440 **Panel: Cyber Threats to Tactical Platforms (Top Secret/SCI)**
Moderator: John Wilkinson, MIT LL
– Mr. Drew Hearle, MIT Lincoln Laboratory
– Mr. Richard Kutter, Air Force Research Laboratory
– Mr. Gregory Gerten, PreTalen
– Mr. Daryn Gomes, General Dynamics Mission Systems
– Col William Young, Cyber Chair, Department of Leadership and Warfighting, USAF Air War College
Discussions on Cyber threats and challenges, how to address and mitigate these threats and challenges, and policies that may prevent critical updates, processes, and strategies going forward
- 1440–1455 **Break**
- 1455–1625 **Panel: Considerations for Tactical Cyber (Top Secret/SCI)**
Moderator: Col William Young, Cyber Chair, Department of Leadership and Warfighting, USAF Air War College
– TC Tracy Monteith, Commander Western Cyber Protection Center
– Mr. Bobby Pelletier, MIT Lincoln Laboratory
– CDR Zachary Staples, Director, Center for Cyber Warfare, Naval Postgraduate School
– Mr. Russell Frew, Corporate Vice President, Lockheed Martin
– CAPT William Ekblad, Deputy N3, U.S. Fleet Cyber Command/U.S. 10th Fleet
Survivability of Cyber Capabilities in a tactical environment scenario, CNA vs. CNE, Intelligence Preparation of the Battlefield for Tactical Cyber, importance of attribution from an operational and policy perspective in a tactical employment and CNA scenario, EW vs. Cyber with regards to requirements for authorization
- 1625–1640 **Cyber Endeavour 2015 Closing Remarks (Top Secret/SCI)**
– Ms. Paula Donovan, MIT Lincoln Laboratory
– COL Mark DiTrolio Commander Army Reserve Cyber Operations Group
– Dr. Hy Rothstein, Director, DoD IO Center for Research at the Naval Postgraduate School
- 1640 **End Day Three/Cyber Endeavour 2015**