



Communications and Networking Workshop



18-19 June 2008

Lincoln Laboratory

Massachusetts Institute of Technology
244 Wood Street, Lexington, MA 02420-9108

Overview:

The Communications and Networking Workshop at Lincoln Laboratory is an annual venue for user, acquisition, and developer communities to discuss lessons learned, current trends, technical challenges and the road ahead. This year's theme:

"Making the Global Information Grid a Reality."

Workshop Description:

The workshop will contain four technical sessions: Information Operations, Net-Centric Operations, MILSATCOM systems, and Tactical Airborne Gateways. The workshop will include keynote addresses and technical presentations, as well as a poster forum.

Day 1 will begin with a keynote address by Ms. Susan Alexander, Chief Technology Officer for Information and Identity Assurance, Office of the Assistant Secretary of Defense (Networks & Information Integration). Ms. Alexander will discuss Information Operations. The morning session of Day 1 will focus on computer network defense, exploitation, and attacks. The afternoon session will begin with a keynote address from Lt Col Michael Pietrucha, USAFR. Lt Col Pietrucha has just returned from a tour in Iraq, and he will describe DoD networks in Iraq. The afternoon session will focus on Net-Centric Operations (NCO) and Lincoln Laboratory programs supporting NCO. At the end of Day 1, there will be a reception for workshop attendees and a poster forum highlighting the Laboratory's contributions to the realization of the GIG vision.

Day 2 will begin with a keynote address given by Brig Gen Susan Mashiko, Commander, Military Satellite Communications Systems Wing, Space and Missile Systems Center, Los Angeles Air Force Base, California. The morning session will concentrate on MILSATCOM systems. The Day 2 afternoon session will concentrate on gateways, architecture, and design. The afternoon session's keynote address will be from Lt Col Joseph Keelon from the 653 ELSW, USAF Electronic Systems Center. He will discuss tactical airborne gateways.



Workshop Agenda

Wednesday 18 June 2008

Information Operations

Ms. Susan Alexander (Keynote)

(CTO, Information and Identity Assurance, OASD(NII))

Computer Network Defense Tools and Technologies

Computer Network Attack for Tactical Networks

Computer Network Exploitation

Net-Centric Operations

Lt Col Michael Pietrucha, USAFR (Keynote)

(MIT Lincoln Laboratory/USAF Reserve)

Networks in Iraq

The Lincoln Net-Centric Enterprise Services Testbed

Space Assessment Technology

An Enterprise Architecture Assessment for DCGS

Reception and Poster Display

Thursday 19 June 2008

MILSATCOM

Brig Gen Susan Mashiko, USAF (Keynote)

(Commander, MCSW, Space and Missile Systems Center)

Reducing Risk in Large Acquisition Programs

Approaches to Effective Integration of Large Systems

Risk Reduction for Tactical Networking

Waveform Development for High Data Rate Communications

Gateways...Enablers for Heterogeneous Networking

Lt Col Joseph Keelon, USAF (Keynote)

(653 ELSW, USAF Electronic Systems Center)

The Value of Heterogeneous Networks and Gateways

Using a Gateway for Heterogeneous Networks

Objective Architecture and Design

Registration

Attendance at the workshop is by invitation only. The online registration site will be available in early March. For further information, please contact:

Mr. John Kuconis
781.981.7603
Fax 781.981.4063
Email: cnw@ll.mit.edu

For technical questions pertaining to the Communications and Networking Workshop 2008, you may contact:

Dr. Marc Zissman
781.981.7600
Fax 781.981.4063
Email: cnw@ll.mit.edu

The \$100 registration fee will include continental breakfast, lunch, reception, coffee and soda at breaks, and other workshop incidentals. Arrangements will be made for a room block at a reduced rate at a local hotel. Limited visitor parking is available at the Laboratory.

Security

This workshop will be held at the classified level.