



OSD/AFSPC RESILIENCE FORUM

A Center for Technology and National Security Policy Event
Lincoln Hall Capstone SCIF (3101)
Fort Lesley J. McNair, Washington, DC
February 12-13, 2014



Day 1: Wednesday, February 12th

Objective: Clarify meaning of resiliency and where it's most needed. Develop a more detailed characterization of its physical and operational components and how it can best be achieved.

0730-0800 Registration & Light Refreshments

0800-0805 Welcome and Administrative Remarks

- Dr. James Keagle, Director of Emerging Challenges, Center for National Security Policy, NDU

0805-0810 Opening Remarks by DASD Space Policy Representatives

- Colonel Chris Crawford, OSD Space Policy

0810-0835 Threats to Space Capabilities

- Dr. Larry Gershwin, ODNI

0835-0900 Achieving Resiliency in Space Capabilities: AFSPC Work to Date

- General William Shelton, Commander AFSPC

0900-0925 Enabling Resilience through Integration

- Mr. Damon Wells, Director, Policy & Strategy, NRO

0925-0935 Break

0935-1020 Keynote

- Dr. Kate Langley, Head of Cyber and Space Policy, UK MoD

1020-1030 Break

1030-1100 OSD Space Policy Update, Introduction to Panel Discussions

Theme: Introduction of the content of the program, taxonomy, and objectives for the conference

- Mr. Douglas Loverro, DASD for Space Policy

1100-1110 Break

1110-1225 Panel Discussion 1 (Part 1): What is Resiliency and Why Do We Need It?

Theme: What are its key attributes? What are its components, both physical and operational? How do the components interact and support each other?

- **Moderators:** Dr. James Keagle, Director of Emerging Challenges, Center for National Security Policy, NDU; and Mr. Tom Behling, CENTRA Technology, Inc.

- 1225-1235 Break/Working Lunch**
- 1235-1335 Panel Discussion 1 (continued): What is Resiliency and Why Do We Need It?**
Theme: What are its key attributes? What are its components, both physical and operational? How do the components interact and support each other?
- **Moderators:** Dr. James Keagle, Director of Emerging Challenges, Center for National Security Policy, NDU; and Mr. Tom Behling, CENTRA Technology, Inc.
- 1335-1345 Break**
- 1345-1505 Panel Discussion 2: Where do we need resiliency and why?**
Theme: Which mission areas require more resilience than others? Where can we accept risk? How can we apply the taxonomy to different circumstances and missions?
- **Moderators:** Dr. James Keagle, Director of Emerging Challenges, Center for National Security Policy, NDU; and Mr. Tom Behling, CENTRA Technology, Inc.
 - **Scene Setter:** Major General Martin Whelan, Director of Requirements, AFSPC
- 1505-1515 Break**
- 1515-1635 Panel Discussion 3: How do we achieve resiliency?**
Are there any specific and ongoing efforts to introduce resiliency? What are some programmatic examples of that should be undertaken in order to produce greater resiliency? What are the impediments? How can they be overcome?
- **Moderators:** Dr. James Keagle, Director of Emerging Challenges, Center for National Security Policy, NDU; and Mr. Tom Behling, CENTRA Technology, Inc.
 - **Scene Setter:** Mr. Gil Klinger, AT&L/SIO
- 1635-1700 Closing Remarks and Final Administrative Announcements for the Day**
- Dr. James Keagle, Director of Emerging Challenges, Center for National Security Policy, NDU
- 1700 Adjournment**
- 1730-1930 Reception at the Ft. McNair Officers' Club**

Day 2: Thursday, February 13th

Objective: *Drawing from the detailed characterization of the physical and operational components of resiliency identified on the Day One, Day Two will examine the concepts in more detail, exploring implications of the various approaches, all with the goal of preparing outlines that will inform future publications on resiliency.*

0730-0800 Registration & Light Refreshments

0800-0805 Welcome and Administrative Remarks

- Dr. James Keagle, Director of Emerging Challenges, Center for National Security Policy, NDU

0805-0815 Introduction to Day Two Activities and Co-Host Objectives

- Colonel Chris Crawford, OSD Space Policy
- Colonel Dan Dant, AT&L/SIO

0815-0845 Briefing: Lincoln Labs: Analysis Based Observations on Responding to Threats

0845-0915 Briefing: Architecture Resilience Analysis

Mr. Joe Rouge, Technical Advisor for Space and Cyber Space Intelligence, Surveillance and Reconnaissance, AF/A2

0915-0930 Break

0930-1000 Briefing: MITRE: Modeling Resilience Across Mission Areas

1000-1025 Industry Briefing 1

- Speaker: Mr. Charles Sota, Aerojet/Rocketdyne

1025-1050 Industry Briefing 2

- Speaker: Brigadier General (ret.) Tip Osterhaler, SES

1050-1115 Industry Briefing 3

- Speaker: Mr. Chris Long, Orbital Sciences Corp.

1115-1140 Industry Briefing 4

- Speaker: Mr. Jeff Grant, Northrop-Grumman

1140-1225 Break

1225-1240 Moderator Substantive and Administrative Instructions for Breakout Sessions

- 1240-1510 Breakout Sessions** (*Participants will divide into the following groups*)
- Section A: What is Resiliency and why do we need it?**
- Mr. Shawn Steene, OSD Space Policy
- Section B: How do we achieve Resiliency?**
- Colonel Shelley Volkwein, OSD Space Policy
 - Mr. Mathew Cummings, OSD Space Policy
- Section C: Publications Planning**
- Mr. Andy Goodhart, OSD Space Policy
- 1510-1525 Break**
- 1525-1640 Plenary Hot Wash Session (Reconvene in Main Conference Room)**
*Theme: What are the over-arching takeaways of this forum and the way forward?
15 min readout by each breakout group facilitator, followed by moderator-led wrap up.*
- **Moderators:** Colonel Chris Crawford, OSD Space Policy; and
Colonel Dan Dant, AT&L/SIO
- 1640-1700 Administrative Remarks**
- Dr. James Keagle, Director of Emerging Challenges, Center for National Security Policy, NDU
- 1700 Adjournment**