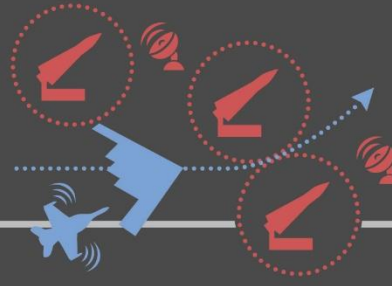


Modern Threats: Surface-to-Air Missile Systems Conference



ASSOCIATION
OF OLD CROWS

5-7 FEBRUARY 2019

Huntsville, AL

The Modern Threats: Surface-to-Air Missile Systems Conference will provide the latest findings from ongoing, all-source analysis of high interest threat air defense systems to include threat system capabilities and vulnerabilities, status of new development programs, and current and projected proliferation. Attendance at this conference is appropriate for those involved in the design, development, testing, evaluation and employment of electronic warfare systems, techniques and tactics for protection of U.S. and allied aircraft.

Conference POC: Mr. Scott Bigelow

Agenda

(As of 7 January 2019, subject to change)

All sessions will be held at MSIC Redstone Arsenal, Huntsville, AL; Day 1 and 2 at the SECRET level and Day 3 at the TS/SCI level)

Tuesday, February 5

US Secret Only

- 0800 – 0815 **Welcome**
 AOC and MSIC welcome and security overview
- 0815 – 0900 **Dr. William Conley, Director, Electronic Warfare, OUSD for Acquisition & Sustainment**
 Keynote Address

Session 1: Trends

Session Chair: Scott Bigelow

- 0900 – 0930 **Mr. Scott Bigelow, MSIC**
 Threat Trends
- 0930 – 1000 **GTRI Representative**
 Air Defense Electronic Warfare Trends
- 1000 – 1015 **Break**

Session 2: Threat Focus – Russia

Session Chair: Mr. Riley Freelove

- 1015 – 1030 **Mr. Riley Freelove, MSIC**
 Russia SAM Threat Overview
- 1030 – 1100 **Mr. Robbie Bell, MSIC**
 SA-21
- 1100 – 1130 **Mr. Leonard French, MSIC**
 SA-27
- 1130 – 1200 **Ms. Kaitlin Breslin, MSIC**
 SA-X-28

1200 – 1230 **Mr. Chris Gaddes, MSIC**
SA-22

1230 – 1330 Lunch / Hardware Tours
During lunch, conference attendees can take this time to exploring a variety of MSIC laboratories and foreign hardware on display. Depending on conference turnout, lunch may be split into two 30 minute sessions due to limited space availability.

Session 3: EO/IR Update

Session Chair: Mr. Wayne Westerhouse

1330 – 1415 **MSIC Representative**
MANPADS Systems

1415 – 1445 **Mr. Ken Leppold**
Vehicle-based EO/IR SAM Systems

1445 – 1500 Break

Session 4: Threat Focus – China

Session Chair: Mr. Bill Hecker

1500 – 1515 **Mr. Warren Buzzard, MSIC**
China SAM Threat Overview

1515 – 1545 **Mr. Bill Adams, MSIC**
CSA-9

1545 – 1610 **Mr. Olon Pierce, MSIC**
CSA-21

1610 – 1635 **Mr. Jimmy Vaughn, MSIC**
CSA-X-18

1635 – 1700 **Mr. Jake Barr, MSIC**
CSA-16

1700 – 1705 Closing comments/Wrap-up of the day
Mr. Scott Bigelow, MSIC

Wednesday, February 6

US Secret Only

0800 – 0815 **Welcome**
MSIC welcome and security reminder

0815 – 0900 Mr. Jay Kistler, SES, Director of Electronic Warfare & Countermeasures (Invited)
Keynote Address

Session 5: Threat Focus – Iran

Session Chair: Ms. Carrie Moultrie

0900 – 0920 **Ms. Carrie Moultrie, MSIC**
Iran SAM Threat Overview

0920 – 0950 **Ms. Dena Nesmith, MSIC**
IR-SA-3

0950 – 1020 **Ms. Meg Guthrie, MSIC**
IR-SA-2 and IR-SA-4

1020 – 1035 **Break**

1035 – 1100 **Ms. Dena Nesmith, MSIC**
Iran SAM Technology

Session 6: Blue Program Overviews and Challenges

Session Chair: Mr. Scott Bigelow, MSIC

1100 – 1120 **Mr. John Wassink, USN PMA-265**
(Tentative) Navy EA-18G / Next Generation Jammer

1120 – 1140 **M. Evanston, USAF**
(Tentative) Air Force F-15 EPAWSS

1140 – 1200 **MAJ J.D. Sauer, U.S. Army, PM – ASE**
Army Modernized Radar Warning Receiver (MRWR)

1200 – 1300 **Lunch / Hardware Tours / Interactive EW Discussion**
During lunch, conference attendees can take this time to exploring a variety of MSIC laboratories and foreign hardware on display. Additionally, MSIC plans to host an interactive audience discussion in the auditorium from 1230-1300 to review emerging electronic warfare techniques and challenges.

Session 7: Test and Evaluation Community Developments

Session Chair: Mr. Eric Demirjian, TETRA

1300 – 1330 **Mr. Jeff Rowe, GTRI**
CLPS System Performance Parameters and Design/Build Approaches

1330 – 1400 **Mr. Justin Owen, Dynetics**
Closed Loop Testing of EW Systems (LIVE)

1400 – 1430 **Mr. Brian Guckenberger, MSIC**
ITASE EW Capability Developments

1430 – 1445 **Break**

Session 8: Threat System Analysis

Session Chair: TBD

1445 – 1515 **Mr. Caleb Clemons, MSIC**
DROVE MANIA Program Update

1515 – 1545 **MSIC Representative**
DROVE BOG Program Update

1545 – 1615 **Mr. Kevin Stilwell, Mercer Engineering Research Center (MERC)**
LIVE Threat System Analysis

1615 – 1620 **Closing comments/Wrap-up of the day**
Mr. Scott Bigelow, MSIC

Thursday, February 7

(TS/SCI)

- 0800 – 0815 **Welcome**
MSIC welcome and security overview
- 0815 – 0900 **CENTCOM AOR SAM Events and Updates**
- 0900 – 0945 **INDOPACOM AOR SAM Events and Updates**
- 0945 – 1015 **Special Project Overview and Highlights, Ms. Carrie Moultrie, MSIC**
An overview and highlights of a project involving modern SAM systems will be presented.
- 1015 – 1030 **Break**
- 1030 – 1100 **Modern SAM Electronic Warfare Project – Ms. Grace Silverstein, MSIC**
A short overview of a project involving a modern SAM system will be presented.
- 1100 – 1130 **Weapons Defeat Methodologies – Mr. Rob Dewitt, MSIC**
A short overview on MSIC's focus towards comprehensive weapons defeat analysis will be presented.
- 1130 – 1200 **Airstrike SAM Effectiveness Analysis – Mr. Rob Caple, MSIC**
- 1200 – 1215 **Closing Conference Remarks**
Mr. Scott Bigelow