AGENDA

Monday

TIME	PROGRAM SESSION / EVENT	SPEAKER	LOCATION
1200-1700	Registration		***VBC South Hall Lobby***
1800-2000	***Patron Recognition Ice Breaker***	Ronnie Chronister	***VBC Arena Lobby***

Tuesday

TIME	PROGRAM SESSION / EVENT	SPEAKER	LOCATION
0730-0830	***Continental Breakfast***		***BR Entrance***
0830-0840	Welcome and Service Award Presentation	Mayor Tommy Battle, Huntsville	BR 1, 2 & 3
0840-0930	Army Integrated Air and Missile Defense	Rick DeFatta, SES Director, Capability Development and Integration Directorate, Future Warfare Center at US Army SMDC/ARSTRAT	BR 1, 2 & 3
0930-1015	An Army Perspective on Space	COL Joseph E. Guzman, Division Chief, Strategic Plans and Policy - Space HQDA, G-3/5/7 DAMO Space Strategic Studies	BR 1, 2 & 3
1015-1045	***Morning Break***		***Exhibit Hall***
1050-1145	Preparing Space, Cyberspace and Missile Defense in an Uncertain World	ADM Cecil D. Haney Commander, US Strategic Command	BR 1, 2 & 3
1200-1315	Luncheon Speaker, At Sea Demonstration 2015; A First Step Towards a European IAMD Contribution?	RADM C. Boelema Robertus Netherlands	North Hall 2 & 3
1315-1330	Scholarship Presentations	Angie McCarter	North Hall 2 & 3
1330-1700	Technology Track	see Technology Agenda	MR 2
1330-1700	DAU Program	see DAU Agenda	MR 1
1330-1445	Space Resilience, Operating in a Denied and Contested Environment or A2AD	Moderator: David King, Dynetics Panelists: Gary Henry, Phantom Works, Boeing; Kimball Edwards, TMC Design; Chris Crawford, Lockheed Martin	BR 1, 2 & 3
1445-1515	***Afternoon Break***		***Exhibit Hall***
1515-1700	NASA Panel, Leveraging Others to Meet Civil and Military Space Requirements (Commercial Launch, SATCOM, etc.)	Moderator: Fred Bickley, Senior Technical Assistant, NASA Marshall Space Flight Center	BR 1, 2 & 3
1700-2030	***Networking Reception***		***North Hall***

AGENDA

Wednesday

TIME	PROGRAM SESSION/ EVENT	SPEAKER	LOCATION
0700-0800	***MDAA Breakfast (Invitation only)***		***North Hall 3***
0730-0830	***Continental Breakfast***		***BR Entrance***
0830-0915	The Importance of Space and Missile Defense Technology Development to Army 25	Honorable Katrina McFarland, Interim ASAALT	BR 1, 2 & 3
0920-1030	BMDS – A Capability for Global Defense	VADM James D. Syring Director, Missile Defense Agency	BR 1, 2 & 3
1030-1115	***Morning Break***		Exhibit Hall
1115-1145	The Role of Space and Missile Defense in Maintaining the Watch	BG Ronald Buckley Deputy Director of Operations, US Northern Command	BR 1, 2 & 3
1200-1315	Luncheon Speaker, BMD Threats	Dr. Uzi Rubin, Israel	North Hall 2 & 3
1315-1330	Presentation of the Medaris Award	NDIA	North Hall 2 & 3
1330-1700	Technology Track	see Technology Agenda	MR 2
1330-1700	DAU Program	see DAU Agenda	MR 1
1335-1500	Industry Panel - Strengthening the Government – Industry Partnership to Deliver Advanced Space and Missile Defense Capabilities in a Complex World.	Moderator: LTG (R) Richard Formica Panelists: Dan Verwiel, Sector Vice President and General Manager, Missile Defense and Protective Systems, Northrop Grumman Corporation; Tom Laliberty, VP Business Development and Strategy, Raytheon Integrated Defense Systems; Tim Cahill, VP Air and Missile Defense Systems, Lockheed Martin Missiles and Fire Control; Jim Chilton, VP/ GM, Boeing Strategic Missile and Defense Systems; Neil Lovell, Master Solutions Architect, SAIC; Roger Eidsaune, Director of Advanced Programs, Dynetics	BR 1, 2 & 3
1500-1530	***Afternoon Break***		***South Hall***
1530-1645	Next Generation Missile Defense Panel	Moderator: Jess Granone Panelists: John Bier, MDA; Mark Clark, MSIC; Rich Matlock, MDA; Keith Englander, MDA;	BR 1, 2 & 3
1700-1730	***Salute to the Warfighter***		***Dynetics Booth***
1745-1815	***VIP Reception (Invitation only)***		***Salon 3***
1830-2000	***2016 Space & Missile Defense Dinner and Davidson Award Presentation*** ***Speaker: Dr. Andy Ozment, Assistant Secretary for Cybersecurity and Communications, DHS***		***North Hall***

Thursday

TIME	PROGRAM SESSION / EVENT	SPEAKER	LOCATION
	STEM Initiative (Invitation Only)	Moderator: Patty Popour	MR 1
0730-0830	***Continental Breakfast***		***BR Entrance***
0840-0845	Welcome	Mayor Troy Trulock, Madison	BR 1, 2
0845-0930	Adapting to the AOC From Both a Weapon System and Process Focus	MG Neil Thurgood, Deputy for Acquisition and Systems Management, ASAALT	BR 1, 2
0930-1000	***Morning Break***		Exhibit Hall
1000-1145	Space & Missile Defense Technology Development Panel	Moderator: Julie Schumacher, Deputy to the Commander, U.S. Army Space and Missile Defense Command / Army Forces Strategic Command Panelists: James Lackey, Director, U.S. Army Aviation and Missile Research, Development and Engineering Center; Dr. Thomas Markusic, Chief Executive Officer, Firefly Space Systems; Dr. Kevin Massey, Raytheon; Mr. Gary May, Chief Engineer for Advanced Technology, Missile Defense Agency; Mr. James L. Reuter, NASA Space Technology Mission Directorate, Deputy Associate Administrator for Programs Dr. Merri Sanchez, Chief Scientist, Air Force Space Command	BR 1, 2
1145-1200	Closing	Ronnie Chronister	BR 1, 2

DAU Sessions

TIME	TITLE	SPEAKER
TUESDAY, 16 August / Meeting Room 1		
1330-1500	Operational Contract Support, a Joint (Military) Operations Enabler	Steven C. Wical, DAU-South

Operational Contract Support (OCS), is the process of planning for and obtaining supplies, services, and construction from commercial sources in support of joint operations. OCS must be performed with efficiency, and, with readiness considerations in order to successfully perform its role in supporting expeditionary forces operations. This training provides the planning, organizational, and sustainment constructs that support Geographic Combatant Commanders (GCCs), Joint Task Force (JTF) Commanders, and Service Component Commanders. OCS has three subordinate functions of Contract Support Integration (plan and determine requirements), Contracting Support (execute contracting authority and actions at pre-award, award, and post-award), and Contractor Management (phase in, sustain, and phase out contractors and equipment). Further, the types of contracted support for the GCCs' Areas of Responsibility (AOR) include Theater Support Contracts (awarded by the contracting officers in the joint operations areas), System Support Contracts (awarded by the contracting officers supporting systems programs) , and External Support Contracts (awarded by the contracting officers supporting e.g., Civil Augmentation Programs [LOGCAP, AFCAP, GCCMAC/GCSMAC], Prime Vendor, Linguists, and Military Construction). OCS planning, execution, and culmination takes place through the six Operational Phases of Phase 0 (Shape), Phase I (Deter), Phase II (Seize Initiative), Phase III (Dominate), Phase IV (Stabilize), and Phase V (Enable Civil Authority [foreign] and e.g., transition contract support to Department of State).

1530-1700	Sustainment Concept Plans (CP)	Van Poindexter, DAU-South

The presentation will define the process flow, data products and roles & responsibilities for Sustainment Concept Plans (CP). NOTE: ASA/ALT memo, Weapon System Resource Transition to Sustainment Guidance, dated 5 Apr 2012, requires CPs be submitted two years prior to end of production. This forum will also provide some of the necessary steps and information necessary for systems transitioning into sustainment.

WEDNESDAY, 17 August / Meeting Room 1		
1330-1500	DoDI 5000.74	Rodger Pearson

In January 2016 The Department of Defense (DoD) distributed new Instructions (DoDI 5000.74) on how to contract for services. This new instruction, in part, provides for a service management structure, provides for the use of Functional Domain Experts, creates a Senior Services Review Board and creates/implements service acquisition policies. The presentation will focus on the new policy, management responsibilities, and management oversight. Information will also be provided on various portfolio groups.

1530-1700	Effective Integration of Cybersecurity into the DoD Acquisition Lifecycle	Steve Mills

Effective Integration of Cybersecurity into the DoD Acquisition Lifecycle encompasses several different processes. Understanding what these processes are and how they interact will lead to better acquisition outcomes. The Cybersecurity & Acquisition Lifecycle Integration Tool (CALIT) developed by DAU provides the user the ability to visualize how these processes work together Identify Cybersecurity risks and opportunities across the acquisition lifecycle. This facilitated discussion will provide an overview of this new tool for the DoD Acquisition Workforce.

STEM Initiative

THURSDAY, 18 August / Meeting Room 1	
0815-1015	STEM Initiative (Invitation Only) - Kickoff: Aligning STEM Education Investments with Community Needs.

Technology Sessions

TIME	TITLE	AUTHOR(S)	SPEAKER
TUESDAY, 16 August / Meeting Room 2 / Additive Manufacturing			
1330	***Welcome***	Session Host	Dr. Phillip Farrington University of Alabama in Huntsville
1340	3D Printing of Aerospace Structures and Parts	Bruce Peters, William Marx, Jason Hughes	Dr. Bruce Peters Intuitive Research & Technology Corporation
1410	Development of a Leading Indicator to Quantify System Performance Risk to Contamination from Additive Manufacturing Environments	Elaine Seasly	Elaine Seasly NASA Langley Research Center
1445	***Break***		
1515	***Welcome***	Session Host	Dr. Phillip Farrington University of Alabama in Huntsville
1520	High-Fidelity Modeling and Materials Characterization of Inconel 718 Component Fabrication by Selective Laser Melting Additive Manufacturing	J. Vernon Cole, Paul W. C. Northrop, X.G. Tan, Kevin Chou, Xiaoqing Wang, Tahmina Keya	Dr. Vernon Cole CFD Research Corporation
1550	Characterizing the Structure of Additively Formed Materials	Gregory B. Thompson	Greg Thompson University of Alabama
1620	Wire Arc Additive Manufacturing (WAAM), A Cost Effective Solution for Producing Low-Cost Re-Entry Vehicles	Katharine Allison	Katherine Allison Lockheed Martin UK

WEDNESDAY, 17 August / Meeting Room 2 / Additive Manufacturing & Other Topics			
1335	***Welcome***	Session Host	
1340	Additive Manufacturing for the Production of Hybrid Rocket Paraffin-Based Fuel Grains	Brent Shanahan, Dr. Mark Lambrecht, Logan Grumbach, Randy Riley	Brent Shanahan Archarithms
1410	Advanced AM Techniques to Support Space and Missile Defense Product Requirements	Andrew Kwas, Eric MacDonald, Craig Kief	Andrew Kwas Northrop Grumman Technology
1440	3D Printed Helicoil Antenna Design	Mason Nixon, Gauge Day, Walter Trammell, Katherine Mott	Mason Nixon US Army Space & Missile Defense Technical Center
1500	***Break***		
1530	***Welcome***	Session Host	
1530	Cyber Common Operating Picture	Jamie Miller	Jamie Miller Mission Multiplier
1545	Simulation for Cyber Security and Secure Deployments	Lauren Sramek, Ross Dickson	Ross Dickson Wind River
1600	A Deep Learning Approach to Automatic Target Recognition	Dr. Joel Hewlett, Larry Gariepy, Dr. Mark Lambrecht, Randy Riley	Dr. Joel Hewlett Archarithms
1615	Fly-Along Sensor Package for Missile Defense Scene Data Collection	Bogdan Udrea, Mikey Nayak	Bogdan Udrea VisSidus Technologies
1630	Understand MBSE by Connecting the Dots Using SysML	Loyd Baker, David Freytag	Loyd Baker 3SL Incorporated