Ladies and Gentlemen,

Welcome to the 87th MORS Symposium! The U.S. Air Force Academy, entrusted with developing our Nation’s future Air Force decision-makers, is the perfect place to tackle the present and future national security challenges that face our operations research community. We are grateful to our MORS U.S. Air Force Sponsor, Mr. Kevin Williams, Director, Studies, Analyses and Assessments (HQ USAF / A9) for arranging our venue, and to Lt Gen Jay Silveria, USAF, Superintendent of the U.S. Air Force Academy, for hosting us.

The theme for this year’s Symposium is *Advancing Analytics to Support National Security*. The MORS professional staff and hundreds of dedicated volunteers have worked countless hours to ensure that the MORS Symposium provides you with unparalleled professional development opportunities, including presenting at and attending hundreds of technical presentations across our working groups and special sessions; participating in our continuing education courses, demonstrations, and tutorials; and networking throughout the Symposium, especially at our lunch and evening social events.

We are fortunate to have Dr. Stephen Homeyer, the Deputy Director of the Joint Artificial Intelligence Center (JAIC), as our plenary speaker on Tuesday morning. Dr. Homeyer’s career is an exemplar of dedicated service to the national security community, truly embodying the MORS mission. Prior to his JAIC assignment, Dr. Homeyer served as the Deputy Director of the National Geospatial-Intelligence Agency (NGA) Research Directorate; was the Senior Strategy Advisor for Science and Technology in the Office of the Director of National Intelligence; directed the NGA Basic and Applied Research Office; and was the Chief of the FBI Counterterrorism and Forensic Science Research Unit. Dr. Homeyer’s perspectives will undoubtedly resonate with many of our Symposium attendees.

This event would not be possible without the commitment of our MORS government Sponsors, the collaboration with our MORS industry and national research partners, the work of the MORS professional staff, and the devotion of our MORS volunteers. Please extend your personal thanks to these dedicated professionals this week.

We’re so thankful that you came to spend the week with the Society. We hope that you continue to think of MORS as your professional society, and the Symposium as your preeminent professional development venue. We look forward to seeing you at future MORS events!

Respectfully,

Ms. Sheilah Simberg  
MORS President

Dr. Paul Nicholas  
Program Chair
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Monday, 17 June 2019

0800 - 1700  Registration and Exhibits
Exemplar Hall, 3rd Floor, Fairchild Hall

0830 - 1700  CEU Courses and Tutorials
Fairchild Hall

1200 - 1330  Lunch
Food Trucks, 3rd Floor Terrazzo, Fairchild Hall

1300 - 1700  Rist Prize Competition – (Classified)
3H2, 3rd Floor, Fairchild Hall

1500 - 1600  Symposium First-timer Orientation
4D60, 4th Floor, Fairchild Hall

Tuesday, 18 June 2019

0700 - 1700  Registration and Exhibits
Exemplar Hall, 3rd Floor, Fairchild Hall

0700 - 0800  Chair Kick-Off
H2, 3rd Floor, Fairchild Hall

0830 - 1000  Plenary
F1, 3rd Floor, Fairchild Hall

1030 - 1200  Sponsor Panel
F1, 3rd Floor, Fairchild Hall

1200 - 1330  Lunch
Food Trucks, 3rd Floor Terrazzo, Fairchild Hall

1200 - 1330  Junior Analyst Lunch
Lower Level Ballroom, Arnold Hall

1200 - 1300  Symposium First-timer Orientation (repeat)
L1, 3rd Floor, Fairchild Hall

1330 - 1500  CG/WG/DWG Sessions
Fairchild Hall

1530 - 1700  Special Sessions
Fairchild Hall

1700 - 1900  Mixer Reception
USAFA Press Box, Falcon Stadium
Wednesday, 19 June 2019

0700 - 1700  Registration and Exhibits  
Exemplar Hall, 3rd Floor, Fairchild Hall

0830 - 1500  CG/WG/DWG Sessions  
Fairchild Hall

1000 - 1430  Guest/Spouse Tour to Seven Falls and Broadmoor Restaurant  
(Meet in lobby of Marriott Colorado Springs)

1530 - 1700  Special Sessions  
Fairchild Hall

1200 - 1330  Lunch  
Food Trucks, 3rd Floor Terrazzo, Fairchild Hall

1200 - 1330  Networking Lunch *(pre-registration required)*  
Lower Level Ballroom, Arnold Hall

1830 - 2230  Social Event  
Whiskey Baron Dance Hall, 5781 North Academy Drive

Thursday, 20 June 2019

0600 - 0700  5k Run  
Meet at Baptist Road parking lot (see map)

0700 - 1700  Registration and Exhibits  
Exemplar Hall, 3rd Floor, Fairchild Hall

0830 - 1500  CG/WG/DWG Sessions  
Fairchild Hall

1200 - 1330  Lunch  
Food Trucks, 3rd Floor Terrazzo, Fairchild Hall

1530 - 1700  Special Sessions  
Fairchild Hall

1530 - 1700  Program Chair Close-Out  
H2, 3rd Floor, Fairchild Hall
Monday, 17 June 2019

Rist Prize Competition
1300 – 1700
3H2, 3rd Floor, Fairchild Hall

Join us for the David Rist Prize competition. The winners will be announced during the Opening Plenary session on Tuesday. Listen to this year’s finalists as they present their papers to our panel of judges. This session is classified. Finalists are:

- Mr. James Herrell – “Optimized Strategy for Preventive Maintenance Checks and Services”
- LTC Brian Wade, USA; Dr. Joshua Jones; Mr. Dan Mahoney; Ms. Michelle Meier; and Mr. Randy Wheeler – “USARPAC Multi-Domain Task Force Wargame”
- Mr. Christopher Way – “Rapid and Objective Aircraft Base Selection Using the Basing Analysis and Suitability Suite”

Tuesday, 18 June 2019

WG and CG Chair Kick-off
0700 – 0800
H2, 3rd Floor, Fairchild Hall

Working Group and Composite Group Chairs will gather to receive final instructions and information.

87th Opening Plenary and Sponsor Panel Session
0830 – 1200
F1, 3rd Floor, Fairchild Hall

Join us for the 87th Symposium opening session with the Keynote address from Dr. Stephen Homeyer, Deputy Director of the Joint Artificial Intelligence Center (JAIC), the presentation of the MORS 2019 Awards and Prizes and the MORS Sponsor Panel discussion.

New MORS Fellows:
- Mr. Thomas Denesia
- Dr. Julie Seton

Vance R. Wanner Award: Dr. John Battilega
Clayton J. Thomas Award: BGcn Andrew Armacost, USAF
MOR Journal Award: Dr. Paul Nicholas and Dr. David Alderson for their paper, “Fast Design of Wireless Mesh Networks to Defend Against Worst-Case Jamming” published in the September 2018 MOR Journal
Wayne P. Hughes Award: Major Andrew Atkinson, USAF
Other finalists for the Hughes Award: Dr. Samrat Chatterjee; LCDR Duncan Ellis, USN; MAJ James Jablonski, USA; MAJ Dusty Turner, USA
Richard H. Barchi Prize: Mr. Brandon McConnell for his paper, “Assessing Uncertainty and Risk in an Expeditionary Military Logistics Network”

Junior Analyst Lunch
1200-1330
Lower Level Ballroom, Arnold Hall

Join fellow Junior Analysts for networking in the Lower Level Ballroom of Arnold Hall. Tickets for the lunch are $20.00 and can be purchased at registration.

MORS Social
1700-1900
USAFA Press Box, Falcon Stadium

This year’s Symposium Social will be a special one! Enjoy the company of your colleagues at the Falcon Stadium Press Box. Falconers will be walking around for you to look at and interact with the falcons and Blue Steel, the Air Force Academy Band, will be performing. Light hors d’oeuvres will be served.
Wednesday, 19 June 2019

Chairs’ Breakfast
0700-0800
L1, 3rd Floor, Fairchild Hall
Opportunity for Chairs to exchange lessons learned as well as a chance for the committee to acknowledge their contributions to Symposium.

Guest/Spouse Tour to Seven Falls and Broadmoor Restaurant
1000-1430
(Meet in lobby of Marriott Colorado Springs)
Join us for a morning of outdoor exploration and adventure at Seven Falls, one of Colorado’s most captivating natural wonders. This magnificent series of waterfalls is situated in a 1,250-foot-wall box canyon between the towering Pillars of Hercules. After 2+ hours of outdoor activity at Seven Falls, enjoy a wonderful meal at the Broadmoor’s 1858 Restaurant.

Networking Lunch (pre-registration required)
1200-1330
Lower Level Ballroom, Arnold Hall
Participants can choose their table by OR topic to learn more or discuss current trends with peers. This event is $20.00 and will be held in the Lower Level Ballroom of Arnold Hall. Tickets may be purchased at registration.

Social Event
1830-2230
Whiskey Baron Dance Hall, 5781 North Academy Drive
Join us for a rootin’ tootin’ boot stompin’ good time at the Whiskey Baron Dance Hall & Saloon! The Whiskey Baron offers FREE line dancing, dance games, poker, pool, shuffleboard and darts in a fun, energetic country western setting. The cost is $25 per person and includes the following:

- Roundtrip bus transportation from contracted MORS hotels
- One alcoholic or non-alcoholic beverage
- Light snacks

Grab your cowboy boots and join your colleagues for a fun night out in CO Springs! Additional food and beverages available for purchase.

Thursday, 20 June 2019

5K Race
0600-0700
Meet at Santa Fe Trailhead-Baptist, 1916 Baptist Rd, Monument, CO
Participate in the MORS 5K Race to promote a healthy heart along with healthy analytics! Register for the 5K at registration in Exemplar Hall, 3rd Floor, Fairchild Hall. Running and exertion for those not accustomed to high altitude should be done with caution.

Program Chair Close-Out
1530-1700
H2, 3rd Floor, Fairchild Hall
The focus of this gathering is to collect attendance forms, confirm 88th Symposium CG/WG proposed leadership and receive feedback.
Symposium App
Download the MORS app on your smart phone or tablet for a convenient and up-to-date schedule of sessions, information and maps. Select the sessions you wish to attend and create your own calendar of sessions or add your selected sessions to your device calendar. Look for ”MORS Events” in your App store, download the app. Login with your e-mail address and select the 87th MORS Symposium event. The MORS app works on Apple IOS and Android devices and may be accessed on other devices and computers at https://engagefully.org/Events/Details/12404.

MORS will no longer use the paper sign-in sheets. To mark your attendance, please log into the app and click the checkbox next to the session.

Registration
On Sunday only, 16 June, registration will be open at the Drury Inn & Suites in the ballroom off the hotel lobby from 1000 – 1700. We encourage you to register early prior to going on base at USAFA.

Drury Inn & Suites
1170 InterQuest Highway

For the remaining days, registration will take place in Exemplar Hall, 3rd Floor, Fairchild Hall. Please stop by the Registration desk to pick up your badge and for general Symposium inquiries, (registration/scheduling questions, transportation questions, etc.)

Membership Table
Don’t forget to stop by the MORS table in Exemplar Hall, 3rd Floor, Fairchild Hall throughout the Symposium! Members of the society receive a free subscription to Phalanx, 20% discount on books and merchandise, free online subscription to the MOR Journal, Professional Recognition, access to the MORS Net, and much more!

Partner & Exhibitor Tables
There will be numerous exhibitors throughout the week in Exemplar Hall, 3rd Floor, Fairchild Hall. Be sure to stop by between noon on Monday and noon on Thursday to check out their latest developments! Exhibiting Partners include:

Argonne National Laboratory
CANA Advisors
Gurobi Optimization
IST Infoscitex JMP

Lockheed Martin
OptTek Systems
Sandia National Laboratory

The Perduco Group
The Ranger Group
WBB
Visitor Center Falcon Store Gift Shop
The 31,600-square-foot building contains exhibits and a gift shop. It is open daily from 9 a.m. to 5 p.m. Self-guided tour maps and information on the Academy are available at the information desk. For additional information, call the front desk at (719) 333-2025.

USAFA Cadet Chapel
The Cadet Chapel is both the most recognizable building at the U.S. Air Force Academy and the most visited man-made tourist attraction in Colorado. This aluminum, glass and steel structure features 17 spires that shoot 150 feet into the sky. It is considered among the most beautiful examples of modern American academic architecture.

The Cadet Chapel serves as an all-faith center of worship for cadets and includes Protestant, Catholic, Jewish and Buddhist chapels; an All-Faiths Room; and a Falcon Circle, each with its own entrance. The Chapel is capable of holding services in all rooms at one time. Visitor hours of operation for the Cadet Chapel are 9:30 a.m. to 4:30 p.m., Monday through Saturday and 1:00 p.m. to 4:30 p.m. on Sunday.

Scheduled Tours at USAFA
There are exciting tours available at USAFA that you won’t want to miss!

1. Tour of the Mews: (where the impressive USAFA falcons live) Monday, 17 June, 1530
2. Flightline Tour: Wednesday, 19 June, 1100-1230

We ask that you sign up via the MORS app so that we can provide accurate counts to the tour operators. The meeting place for these tours will be Fairchild Hall, location TBD. A MORS bus will take you to the tour location.

Admission Policy and Entry to the Meeting Areas
Admission to classified meeting areas is limited to holders of green and yellow MORS-issued name badges and with approved photo IDs. Yellow badges are only allowed to attend classified FVEY releasable presentations. Persons who enter or attempt to enter secure meeting areas without proper credentials and persons who aid, encourage, or willfully permit improperly authorized persons to enter the secure area of the meeting are liable for a citation of a security violation.

Electronic Devices
Electronic devices (unauthorized laptop computers, cameras, cell phones, PDAs, audio recorders, pagers, USB drives, etc.) are not allowed at any time in the classified sessions. Receptacles will be provided to store devices before entering classified sessions.

Note: Participants will be required to present either their U. S. Government issued ID (U.S. Citizens) or Passport (Foreign Nationals) to Security personnel at the North Gate.
Conference Badge and IDs
Participants are required to wear the MORS-issued 87th Symposium badge and have a DoD CAC or other government issued picture ID available for presentation upon request. Your Symposium badge and government issued ID must stay on your person at all times while on base. Attendees of the MORS Symposium are required to stay within conference buildings as there may be other events happening across campus.

Citizens of the FVEY countries (U.S., Australia, Canada, New Zealand and the United Kingdom) with a SECRET clearance who have passed their clearance information to MORS security officer may attend all unclassified sessions and sessions classified as “SECRET/REL to FVEY.”

The 87th Symposium badges are color coded as follows:
• White Badge – U.S. citizen cleared for admittance to unclassified sessions only
• Green Badge – U.S. citizen cleared for admittance to all sessions
• Yellow Badge – Non-U.S. FVEY participant cleared for admittance to unclassified sessions and sessions classified as releasable to FVEY with some restrictions

Badges are non-transferable. If a badge has been lost, it must be reported to the registration desk as soon as possible so that a new one may be issued. Badges CAN NOT be changed, corrected, or altered in any way. If such action is necessary, a member of the MORS staff will authenticate and issue a new badge.

Meals
MORS will provide a complimentary continental breakfast and breaks every day inside Exemplar Hall, 3rd Floor, Fairchild Hall. Food trucks will be available each day for lunch just outside Fairchild Hall. A full list of food trucks is located in the app and below. In addition, Dunkin Donuts and Subway are available in Exemplar Hall. For a full list of eateries on campus, please visit https://www.usafa.edu/visitors/places-to-eat/.

Food Trucks:
(1130 - 1400 daily)

Monday
Lucy’s Armenian/Mediterranean Grill
Down South Eats
The GUT Truck
High Grade Foods
Ice Cream Truck

Tuesday
Lucy’s Armenian/Mediterranean Grill
Brisket Brothers BBQ
The GUT Truck
Natures Start Bread Co.
Dessert Truck

Wednesday
Lucy’s Armenian/Mediterranean Grill
Down South Eats
The GUT Truck
GO Fish
Dessert Truck

Thursday
Lucy’s Armenian/Mediterranean Grill
Down South Eats
The GUT Truck
Natures Start Bread Co.
Dessert Truck
Government Sponsors

**Army Sponsor**
Dr. W. Forrest Crain  
Director, Center for Army Analysis  
(HQDA/DCS Program G-8)

Army Sponsor Representative  
Ms. Melissa Wickers and Mr. Martin Dubbs

**Marine Corps Sponsor**
Dr. George Akst  
Senior Analyst, Marine Corps Combat Development Command

Marine Corps Sponsor Representative  
Mr. Andrew Jensen

**Navy Sponsor**
Mr. Chuck Werchado  
Deputy Director, Assessment Division (N81)  
Office of the Chief of Naval Operations

Navy Sponsor Representative  
Mr. Lyman Moquin and CAPT Daniel Valasco, USN

**Air Force Sponsor**
Mr. Kevin Williams  
Director, Studies & Analyses, Assessments and Lessons Learned (HQ USAF / A9)

Air Force Sponsor Representative  
Lt Col Jesse Pietz, USAF, PhD, CAP and Ms. Laura Guay

**Office of the Secretary of Defense Sponsor**
Mr. John Garstka  
Deputy Director for Cyber Programs, Office Under Secretary of Defense

Office of the Secretary of Defense Sponsor Representative  
Dr. Mark Lukens

**Department of Homeland Security**
Dr. John Dargan  
Director, Operations and Requirements Analysis Division, DHS Science and Technology Directorate

Department of Homeland Security Sponsor Representative  
Dr. Arch Turner
United States Air Force Academy, CO

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United States Air Force Academy Map

Enter Here

Tuesday Evening Social

MORSS Parking Lot

Food Trucks

(Polaris Hall

Registration, Exhibits & Breaks, Plenary, CG/WG/DWG Sessions)
MORS 87th Symposium Bus Schedule

MORS is providing morning and evening hotel bus service. Should you need to leave campus throughout the day, please consider driving on base.

Look for signs posted on the bus windows noting your destination to ensure you board the correct bus.

### Monday 17 June

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**Bus schedule for those attending the MORS Mixer at Falcon Stadium Press Box:**

- USAFA - Fairchild Hall 1700 Falcon Stadium Press Box
- USAFA - Falcon Stadium Press Box 1900 Air Force Inn, Drury Inn & Suites, Hilton Garden Inn, Homewood Suites, Academy Hotel
- USAFA - Falcon Stadium Press Box 1900 Embassy Suites, Best Western, Hampton Inn, Colorado Springs Marriott
### Wednesday 19 June

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<tr>
<td>Drury Inn &amp; Suites</td>
<td>730</td>
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<tr>
<td>Embassy Suites</td>
<td>715</td>
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<td>Homewood Suites by Hilton</td>
<td>710</td>
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<tr>
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<tr>
<td>Air Force Inn (Rampart)</td>
<td>745</td>
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</tr>
<tr>
<td>Best Western Plus Peak Vista</td>
<td>715</td>
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</tr>
<tr>
<td>Hampton Inn Central Air Force Academy</td>
<td>715</td>
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<tr>
<td>The Academy Hotel</td>
<td>730</td>
<td>USAFA - Fairchild Hall</td>
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<td>1700</td>
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<tr>
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<td>1700</td>
<td>Embassy Suites</td>
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<td>1700</td>
<td>Homewood Suites, Hilton Garden Inn, Air Force Inn</td>
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<tr>
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<td>1700</td>
<td>Best Western, Hampton Inn, Academy Hotel</td>
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**Wednesday Continued**

**Schedule for those taking MORS Buses to Whiskey Baron Saloon:**

<table>
<thead>
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<th>Pickup Location</th>
<th>Pickup Time</th>
<th>Drop Off Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Force Inn, Drury Inn &amp; Suites, Hilton Garden Inn, Homewood Suites, Academy Hotel</td>
<td>1800 - 1830</td>
<td>Whiskey Baron Saloon</td>
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<tr>
<td>(Bus will arrive at your hotel within the 1st time block &amp; the 2nd time block)</td>
<td>1900 - 1930</td>
<td></td>
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<tr>
<td>Colorado Springs Marriott, Hampton Inn, Best Western, Embassy Suites</td>
<td>1800 - 1830</td>
<td>Whiskey Baron Saloon</td>
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<tr>
<td>(Bus will arrive at your hotel within the 1st time block &amp; the 2nd time block)</td>
<td>1900 - 1930</td>
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</tr>
<tr>
<td>Whiskey Baron Saloon</td>
<td>2200</td>
<td>Academy Hotel, Homewood Suites, Hilton Garden Inn, Drury Inn &amp; Suites, AirForce Inn</td>
</tr>
<tr>
<td>Whiskey Baron Saloon</td>
<td>2200</td>
<td>Embassy Suites, Best Western, Hampton Inn, Colorado Springs Marriott</td>
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### Thursday 20 June

<table>
<thead>
<tr>
<th>Pickup Location</th>
<th>Pickup Time</th>
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<tbody>
<tr>
<td>Colorado Springs Marriott</td>
<td>700</td>
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<tr>
<td>Drury Inn &amp; Suites</td>
<td>730</td>
<td>USAFA - Fairchild Hall</td>
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<tr>
<td>Embassy Suites</td>
<td>715</td>
<td>USAFA - Fairchild Hall</td>
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<td>Homewood Suites by Hilton</td>
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<tr>
<td>Hilton Garden Inn</td>
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<td>USAFA - Fairchild Hall</td>
</tr>
<tr>
<td>Air Force Inn (Rampart)</td>
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<tr>
<td>Best Western Plus Peak Vista</td>
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<td>USAFA - Fairchild Hall</td>
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<tr>
<td>Hampton Inn Central Air Force Academy</td>
<td>715</td>
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<td>Colorado Springs Marriott</td>
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<tr>
<td>USAFA - Fairchild Hall</td>
<td>1500</td>
<td>Drury Inn &amp; Suites</td>
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<td>1500</td>
<td>Embassy Suites</td>
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<tr>
<td>USAFA - Fairchild Hall</td>
<td>1500</td>
<td>Homewood Suites, Hilton Garden Inn, Air Force Inn</td>
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<td>USAFA - Fairchild Hall</td>
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<td>Best Western, Hampton Inn, Academy Hotel</td>
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**Shuttle Service Schedule Between MORSS Parking Lot & Fairchild Hall (for those driving):**

<table>
<thead>
<tr>
<th>Date</th>
<th>Morning</th>
<th>Evening</th>
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</thead>
<tbody>
<tr>
<td>Monday 17 June</td>
<td>700 - 900</td>
<td>1630 - 1800</td>
</tr>
<tr>
<td>Tuesday 18 June</td>
<td>630 - 900</td>
<td>1630 - 1800</td>
</tr>
<tr>
<td>Wednesday 19 June</td>
<td>630 - 900</td>
<td>1630 - 1800</td>
</tr>
<tr>
<td>Thursday 20 June</td>
<td>630 - 900</td>
<td>1430 - 1600</td>
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</table>

One bus will shuttle consistently between the parking lot and Fairchild Hall each day for anyone needing to depart early.
All sessions can be found in the app. MORS will no longer use the paper sign-in sheets. To mark your attendance, please log into the app and click the checkbox next to the session.

CG = Composite Group  
FG = Focus Group  
DWG = Distributed Working Group  
WG = Working Group

Schedule is subject to change. Make sure to check the MORS app for the latest updates.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Building</th>
<th>Room</th>
<th>Session 1</th>
<th>Session 2</th>
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<tbody>
<tr>
<td>Monday 17 June</td>
<td>0830-0930</td>
<td>2C16</td>
<td>Lunch</td>
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<td>0930-1030</td>
<td>2C18</td>
<td>Lunch</td>
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<td>2C20</td>
<td>Lunch</td>
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<td>1130-1230</td>
<td>2C22</td>
<td>Lunch</td>
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<td>1230-1330</td>
<td>2C24</td>
<td>Lunch</td>
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<td>2C34</td>
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<td>1830-1930</td>
<td>2C36</td>
<td>Lunch</td>
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<td>1930-2030</td>
<td>2C38</td>
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<td>2030-2130</td>
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<td>2C46</td>
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<td>0000-0100</td>
<td>2C48</td>
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<td>0200-0300</td>
<td>2C52</td>
<td>Lunch</td>
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<td>0300-0400</td>
<td>2C54</td>
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<td>0400-0500</td>
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<td>0500-0600</td>
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<td>0600-0700</td>
<td>2C60</td>
<td>Lunch</td>
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</tbody>
</table>

### Registration, Exhibits, Lunch and Breaks

- **Monday 17 June**
  - Registration, Exhibits, Lunch and Breaks

- **Tuesday 18 June**
  - Registration, Exhibits, Lunch and Breaks

**Fairchild Hall (3rd Floor)**

- **Monday 17 June**
  - Registration, Exhibits, Lunch and Breaks

- **Tuesday 18 June**
  - Registration, Exhibits, Lunch and Breaks

**Fairchild Hall (2nd Floor)**

- **Monday 17 June**
  - Registration, Exhibits, Lunch and Breaks

- **Tuesday 18 June**
  - Registration, Exhibits, Lunch and Breaks

**Fairchild Hall (4th Floor)**

- **Monday 17 June**
  - Registration, Exhibits, Lunch and Breaks

- **Tuesday 18 June**
  - Registration, Exhibits, Lunch and Breaks

**Fairchild Hall (5th Floor)**

- **Monday 17 June**
  - Registration, Exhibits, Lunch and Breaks

- **Tuesday 18 June**
  - Registration, Exhibits, Lunch and Breaks

**Fairchild Hall (1st Floor)**

- **Monday 17 June**
  - Registration, Exhibits, Lunch and Breaks

- **Tuesday 18 June**
  - Registration, Exhibits, Lunch and Breaks
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WG = Working Group

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<table>
<thead>
<tr>
<th>- Classified Session -</th>
<th>Unclassified Session</th>
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<td>DV Room</td>
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<tr>
<td>0830-1000</td>
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<tr>
<td>Fairchild Hall (5th Floor)</td>
<td>116</td>
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<tr>
<td>0900-1000</td>
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<td>Chair Breakfast</td>
<td>WG-14</td>
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CG/WG/DWG Schedule
<table>
<thead>
<tr>
<th>CG/WG/DWG Leadership</th>
</tr>
</thead>
<tbody>
<tr>
<td>CG A Homeland and International Operations</td>
</tr>
<tr>
<td>Chair: Mr. John Cobb</td>
</tr>
<tr>
<td>Advisor: Dr. Ross Snare, III</td>
</tr>
</tbody>
</table>

| CG B C4ISR and Net-Centric Operations |
| Chair: Ms. Elizabeth Jones |
| Advisor: Mr. Chen Lai |
| Advisor: Mr. Scott Schoeb |

| CG C Joint Warfare |
| Chair: Mr. Kenneth Amster |
| Advisor: Mr. Chris Linhardt |

| CG D Resource/Readiness/Training |
| Chair: LTC John Nelson, USA (Ret) |
| Co-Chair: Mr. Bob McCormick |
| Advisor: Dr. David Fulk |

| CG E Acquisition and Capability Development |
| Chair: Ms. Ricketa Clifton |
| Advisor: Dr. Kevin John Loy |

| CG F Interdisciplinary Advances in OR |
| Chair: Capt Drew Ives, USAF |

| CG G Hybrid Warfare |
| Chair: LTC Loren Eggen, USA (Ret) |
| Co-Chair: LTC Vincent Boncich, USA |

| DWG1 Human Behavior and Performance |
| Chair: Mr. Tom Hughes |
| Co-Chair: Ms. Laura Guay |

| DWG2 Unmanned Systems |
| Chair: Mr. Matt Rich |
| Co-Chair: Mr. Scott Swinsick |
| Co-Chair: Mr. Larry Bulanda |
| Co-Chair: Mr. John Pino |
| Co-Chair: Mr. Tom Karnezos |
| Advisor: Mr. Eric Rose |

| DWG3 Emerging Operations Research |
| Chair: Mr. Michael Lewis |

| FS1 AI and Autonomous Systems |
| Chair: Dr. George Mark Waltensperger |
| Chair: Ms. Annette Evangelisti |

| FS2 Military Assessments |
| Chair: Dr. Jason Southerland |
| Co-Chair: Capt Andrew Keith, USAF |
| Co-Chair: Dr. Lyn Arnhart |
| Co-Chair: MAJ Allen Cohen, USA |
| Co-Chair: LTC Christian Teutsch, USA |
| Co-Chair: LTC Marv King, USA, PhD |

| WG 1 Strategic Operations National Security Analysis |
| Chair: Maj Amanda Rasmussen, USAF |
| Co-Chair: Capt Michael Gibb, USAF, PhD |
| Co-Chair: Ms. Christiana Fairman |
| Advisor: Mr. Christopher Latham |

| WG 2 Chemical, Biological, Radiological, Nuclear, and Advanced Explosives (CBRNE) Defense |
| Chair: Mr. Steven Lagan |
| Co-Chair: Mr. William Greer |
| Advisor: Mr. Michael Kierrewski |

| WG 3 Infrastructure Analyses, Protection and Recovery |
| Chair: Dr. Daniel Eisenberg |
| Co-Chair: Dr. Thomas Sharkey |
| Advisor: Prof. David Alderson |

| WG 4 Homeland Security, Homeland Defense and Civil Support |
| Chair: Dr. Michael Hieb |
| Co-Chair: Mr. Mark Adams |
| Co-Chair: Dr. Robert Brigantic |
| Co-Chair: Dr. Julie Seton |
| Co-Chair: Ms. Stephanie Caico |
| Advisor: Dr. Geoffrey Berlin |
| Advisor: Dr. Ross Snare, III |

| WG 5 Information and Cyber Operations |
| Chair: Mr. Skip Tornquist |
| Co-Chair: Mr. David Myers |
| Co-Chair: LTC Brian Douglas Wisniewski, USAR |
| Co-Chair: Mr. Rajeev Agrawal |
| Co-Chair: Dr. Stephen Chaney |
| Co-Chair: Mr. Sarah McGuire |
| Co-Chair: Mr. Anthony Gabrielson |
| Co-Chair: Ms. Diane Staheli |
| Co-Chair: Mr. Lyman Raymond Moquin |
| Co-Chair: Mr. Michael Woudenberg |
| Co-Chair: Mr. Paul Works |
| Co-Chair: MAJ Robert Hanks, USA |
| Co-Chair: Dr. Mark Lukens |
| Co-Chair: Mr. Robert Wood |
| Co-Chair: Ms. Minal Mangra |
| Co-Chair: Mr. David Kohlhoff |
| Advisor: Mr. David Lee Silvernail, Jr. |

| WG 6 Command and Control (C2) |
| Chair: Mr. Chris Moore |
| Co-Chair: Mr. Dennis Chung |
| Co-Chair: Mr. Tom Karnezos |

| WG 7 ISR and Intelligence |
| Chair: Mr. William Harclerode |
| Co-Chair: Mr. Chen Lai |
| Advisor: Ms. Elizabeth Jones |
| Advisor: Mr. Scott Schoeb |
| Advisor: Mr. James Richards |
WG 8 Space Acquisition, Testing and Operations
Chair: Mr. Steven Toler
Co-Chair: Dr. Charles Francis Vaughan
Co-Chair: Mr. Derrick Vincent
Co-Chair: Mr. Paul Fall
Co-Chair: Mr. Gary Charles Gagnon
Co-Chair: Mr. William Mcghee
Advisor: Mr. Mike Tomlinson
Advisor: Capt Joseph Hoecherl, USAF

WG 9 Air and Missile Defense
Chair: Mr. Daniel Sproull
Co-Chair: Mr. David Halloran
Co-Chair: Mr. Steven Toler
Co-Chair: Mr. Richard Austin
Advisor: Dr. Richard Goodwin
Advisor: CDR Ronald Cappellini, USN

WG 10 Joint Campaign Analysis
Chair: Mr. Stephen McCarty
Co-Chair: Mr. William Woodson, Jr.
Advisor: Mr. Douglas Boerman

WG 11 Land and Expeditionary Warfare
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Co-Chair: Mr. Joseph Smith
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The MORS Logistics CoP will be supporting a meeting in July in Crystal City with a goal of producing a recommendation to the Department of Defense on a new approach to defining, measuring, predicting, and reporting readiness.

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A five-part course designed to enhance analyst capability and knowledge in multiple aspects of analytical and training games, including research, design, development, execution, analysis, and reporting.

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**4-8 November**

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**19-21 November**

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*TBD*

More Details Coming Soon!

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