

7th Annual U.S. Missile Defense Conference

23–25 March 2009

Ronald Reagan Building and
International Trade Center

Washington, DC

*Gaining
System Confidence
Through Testing*

Seating is Limited—Register Early • Security Clearance Form Deadline: 9 March 2009



This conference is:
SECRET / U.S. ONLY

Preliminary Program

www.aiaa.org/events/missiledefense

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Conference Overview

A key objective of the **7th Annual U.S. Missile Defense Conference** is to maintain the legacy of providing a world-class, secure environment for all members of the U.S. Missile Defense Team to meet and discuss key issues facing the development and deployment of missile defense systems in support of national strategic objectives. The national Ballistic Missile Defense System (BMDS) team includes senior leaders, program managers, scientists, and staff in government, defense, and industry, as well as members of active

duty, Reserve, and National Guard forces training, testing, and employing missile defenses in support of national security objectives. Finally, the team includes a singular voice from the United Kingdom as we include the UK participating person in all elements of this conference as an element of bilateral transparency.

The conference—hosted by the American Institute of Aeronautics and Astronautics (AIAA) in cooperation with Lockheed Martin Corporation, and supported by the U.S. Missile Defense Agency (MDA)—will provide delegates access to the current state of the worldwide BMDS, to include a review of national policies, service priorities, technical advances, and related issues that may support or affect the deployment of the BMDS. Discussions will provide views of the evolutionary development of a worldwide, layered, integrated BMDS; the integration and testing of BMDS capabilities; the status of key BMDS elements; and the current political/policy environment.

This year's conference will again highlight technical progress in a number of key areas. Papers will be presented in six classified sessions on Tuesday and Wednesday:

- Test and Evaluation
- Sensors and Discrimination
- Systems Integration and Operation
- Weapons Technology
- Command, Control, Battle Management, and Communications
- Simulation, Modeling, and Analysis

Conference organizers have developed the three-day program to include invited presentations, selected technical

presentations as a result of the Call for Papers, and panel discussions on specific issues related to the development and deployment of a global integrated BMDS able to provide appropriate missile defense for our nation.

Conference participation will be restricted to delegates from the U.S. government and industry who have demonstrated a valid need to know and who have a valid SECRET or higher security clearance. Delegates may NOT represent the interests of non-U.S. entities.



Conference Co-Chairs

David Altwegg

*Executive Director
Missile Defense Agency*

Brian Dailey

*Senior Vice President
Washington Operations
Lockheed Martin Corporation*

Conference Coordinator

James Johnson

Missile Defense Agency

Administrative/ Conference Support

Alison Fortier

Lockheed Martin Corporation

Lou Bosi

CSC

Roger Medd

*Science Applications International
Corporation*

Harold (Hal) Richardson

*Science Applications International
Corporation*

Special Events

Exhibit Reception

23 March 1730 hrs (following last session)

The exhibit reception will be held in the Atrium, and Atrium Hall, of the Ronald Reagan Building. The cost is included in the full conference registration fee. Additional tickets may be purchased when registering for the conference.

Conference Awards

23 March 1330 hrs

The Technology Pioneer Award recognizes individual or team contributions to the advancement of science and technology that enabled the development of missile defense concepts, making missile defense possible and now real. Honorees will include representatives from government and industry. Awards will be given Monday following lunch in the Amphitheater.

25 March 1830 hrs

A light reception will be followed by dinner and presentation of The Ronald Reagan Award for Meritorious Contributions to Missile Defense. The cost is included in the



full conference registration fee. Additional tickets may be purchased when registering for the conference. Note that space is limited and this event is expected to sell out. Attire is business or the military equivalent.

Luncheons

Luncheons for conference attendees will be held on Monday, Tuesday, and Wednesday in the Atrium of the Ronald Reagan Building. The cost is included in the full conference registration fee.

Conference Interactive War Game

The 7th Annual National Missile Defense Conference will once again provide an opportunity for Conference delegates to participate in an interactive, computer-assisted ballistic missile defense wargame, provided by the Missile Defense Agency's Warfighter Support Center. This classified wargame will introduce delegate participants to the complexity of executing global, active missile defense; demonstrate typical strategic, inter-regional, and regional defense timelines and command and control issues; examine representative display information that could be used to support situation awareness and engagement execution; and observe situations designed to illustrate current draft global BMD policy guidance. Players will use the Discrete Event Sim operator-in-the-loop configuration of Missile Defense Integration and Operations Center's Digital Simulation Architecture, and will be assisted by dedicated subject matter experts. The wargame schedule consists of 10 two-hour Wargame sessions (two on Monday, four on Tuesday, and four on Wednesday). Delegates interested in participating in the Wargame are encouraged to reserve a slot early. You may register for the Wargame at any time, including prior to the Conference, at https://webapps.mda.mil/wargameevents/evt_displayEvents.cfm. You may also register for the Wargame during check-in at the Conference, or any time during the Conference at the Wargame registration desk outside the Polaris Room.



Exhibit

We are pleased to announce that we will be hosting an unclassified exhibit in the Atrium Hall of the Ronald Reagan Building. Leaders in the field will be on hand to demonstrate their products, services, and research. The exhibit program will include Critical Phase Two small business exhibits.

Exhibit Hours

23 March

Exhibit Open	0900–1700 hrs
Reception	1730 hrs (following last session)

24 March

Exhibit Open	0930–1600 hrs
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25 March

Exhibit Open	0930–1600 hrs
Reception	1830 hrs
Awards Banquet	1930 hrs

LOCKHEED MARTIN 

AIAA would like to thank Lockheed Martin for their support of this conference.

Registration Information

AIAA recommends all participants register online at www.aiaa.org/events/missiledefense.

You may also use the advance registration form on page 5 of this brochure. A check made payable to AIAA or credit card information must be included with your registration form. Pre-registrants may pick up their materials and badges at the advance registration desk. You must have a badge to enter the sessions and exhibits. In addition to registration, a security clearance form must be submitted for this conference. Please see the security clearance form on page 7. For additional information, please call 800.639.AIAA (2422) or 703.264.7500.

Registration Hours

Monday, 23 March	0700–1600 hrs
Tuesday, 24 March	0700–1600 hrs
Wednesday, 25 March	0700–1600 hrs

All conference registration will take place at the Ronald Reagan Building.

Registration Fees

*Full Conference	
AIAA Member	\$895
Non-member	\$1015
*Government/Military	\$795

**Includes all conference sessions and exhibits participation, Monday exhibit reception, Wednesday banquet, and luncheons on Monday, Tuesday, and Wednesday. You must present your conference badge to attend the scheduled meal functions.*

GENERAL INFORMATION

Meeting Site

The Ronald Reagan Building and International Trade Center, 1300 Pennsylvania Avenue NW, Washington, DC 20004, is located minutes from Washington's major attractions and is easily accessible by the Federal Triangle Metro stop adjacent to the building. Underground parking is also available.

Attire

Attire for the conference is business or the military equivalent. Attire for the Wednesday Banquet requests all active duty officers to be in 'dress' uniform; civilians in business suit.

Speakers' Briefing

Authors who are presenting papers, panelists, and session chairs will meet for a short briefing each morning beginning at 0700 hrs at the International Trade Center. Please attend only on the day of your session(s). A continental breakfast will be provided. The room location will be posted in the final program.

Messages and Information

Messages for those attending the conference at the International Trade Center will be recorded and posted on a bulletin board in the AIAA registration area. The telephone number will be listed in the final program. It is not possible to page attendees at the conference.

Employment Opportunities

AIAA is assisting members who are searching for employment by providing a bulletin board at the technical meetings. This bulletin board is solely for "open position" and "available for employment" postings. Employers are encouraged to have personnel who are attending an AIAA technical conference bring "open position" job postings. Individual AIAA members may post "available for employment" notices. AIAA cannot assume responsibility for notices forwarded to AIAA headquarters. AIAA reserves the right to remove inappropriate notices.

AIAA members can post and browse résumés, browse job listings, and access other online employment resources by visiting the AIAA Career Center at <http://careercenter.aiaa.org>.

Membership

Non-members who pay the full non-member registration fee will receive their first year's membership at no additional cost. Members who wish to renew or reinstate their membership must also pay the full non-member conference registration fee.

Nondiscriminatory Practices

AIAA accepts registrations irrespective of race, creed, sex, color, physical handicap, and national or ethnic origin, as long as security clearance information is verified.

Smoking Policy

The Ronald Reagan Building and International Trade Center is a smoke-free facility. Smoking is not permitted inside the building.

Restrictions

The conference proceedings are presented in accordance with a "not-for-attribution" policy to promote robust discussion of the issues. A strict "NO note-taking" policy will be enforced during all controlled-access sessions, and NO electronic devices, cell phones, BlackBerrys, PDAs, computers, or audio/visual recording devices of any kind will be allowed in MDA-controlled conference spaces. Briefcases, backpacks, or luggage will NOT be allowed into controlled spaces. The unauthorized sale of AIAA copyrighted material is also prohibited.

The American Institute of Aeronautics and Astronautics (AIAA) advances the state of aerospace science, engineering, and technological leadership. Headquartered in suburban Washington, DC, the Institute serves over 35,000 members in 65 regional sections and 79 countries. AIAA membership is drawn from all levels of industry, academia, private research organizations, and government.

Register Now!

Register on our Web site! Click "Register Now" at www.aiaa.org/events/missiledefense and choose one of these options:

REGISTER ONLINE

Use the secure online registration form. Use credit card only. Follow the steps for registration through the AIAA Store.

REGISTRATION FORM (PDF)

Download the registration form in PDF format. Print and complete the form, and then mail or fax it with payment to AIAA. Address information is provided.

Registration Form

AIAA/MDA 7th ANNUAL U.S. MISSILE DEFENSE CONFERENCE

23-25 March 2009 • Ronald Reagan Building and International Trade Center • Washington, DC

Register online at www.aiaa.org/events/missiledefense

1

All registrants please complete the information below.

09415P

Conference Badge Name	First/Given Name	M.I.	Last/Family Name
Organization Name/Division/Mailstop			
Address			
City	State	Country/ZIP/Postal Code	
E-mail Address			
Daytime Phone Number			
Fax Number (include country code)			
Job Title/Rank			

2

Select your registration options below. Payment by check, credit card, or money order—payable to AIAA—must accompany registration. To pay the member rate, your membership must be in good standing.

SEATING IS LIMITED - REGISTER EARLY

- AIAA Member \$895
- Non-member \$1015
- Government/Military \$795

(Includes all conference sessions and exhibits participation; Monday exhibit reception; Wednesday banquet; and Monday, Tuesday, and Wednesday luncheon. You must present your conference badge to attend the scheduled meal functions.)

EXTRA TICKETS

- Monday exhibit reception \$65
- Wednesday Banquet* \$175

* limited seating

OPTION 2: INTERACTIVE WARGAME

Monday	23 March	1300-1500 hrs
Monday	23 March	1515-1715 hrs
Tuesday	24 March	0800-1000 hrs
Tuesday	24 March	1015-1215 hrs
Tuesday	24 March	1300-1500 hrs
Tuesday	24 March	1515-1715 hrs
Wednesday	25 March	0800-1000 hrs
Wednesday	25 March	1015-1215 hrs
Wednesday	25 March	1300-1500 hrs
Wednesday	25 March	1515-1715 hrs

You may register for the Wargame at https://webapps.mda.mil/wargameevents/evt_displayEvents.cfm.

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AIAA MEMBERSHIP: For those paying the full non-member conference registration fee, sign below and complete this form to receive your complimentary one-year AIAA membership. (Offer valid within six months of conference start date.) By completing this form, you acknowledge that AIAA needs the information requested here to provide you with the best possible service.

Signature _____ Date _____

- Check here if you are renewing or reinstating your membership. (You must pay full non-member conference fee.)
- From time to time, we make member and customer information available to companies whose products and services may be of interest to you. If you do not want your name and address exchanged, please check here.

Check here if you need to make special arrangements due to a disability. Attach requirements on a separate sheet of paper.

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RETURN FORM TO:

- 1) For faster, easiest signup, register online at www.aiaa.org/events/missiledefense
- 2) By mail: return completed form with payment to AIAA/Conferences & Meetings, P.O. Box 79240, Baltimore, MD 21279-0240
- 3) By fax: send the completed form with credit card payment to 703.264.7657

Registration forms **cannot** be processed without full payment. Cancellations must be received in writing no later than **9 March 2009**. There is a \$100 cancellation fee. Registrants who cancel beyond this date or fail to attend will forfeit the entire fee. For questions, call 800.639.AIAA or 703.264.7500 (outside U.S.).

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FORM OF PAYMENT

AIAA Member Number: _____

- Purchase Order
- Check
- Traveler's Check
- Wire Transfer
- American Express
- VISA
- MasterCard
- Diners Club

Credit Card Number:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Expiration Date: _____ Month _____ Year

Signature: _____

ATTENTION AUTHORS

Please check here if you are presenting a paper at this conference.

FOR AIAA USE ONLY

Rec'd by _____

Date processed _____

Amount rec'd _____

Don't forget to complete and return your security clearance form.

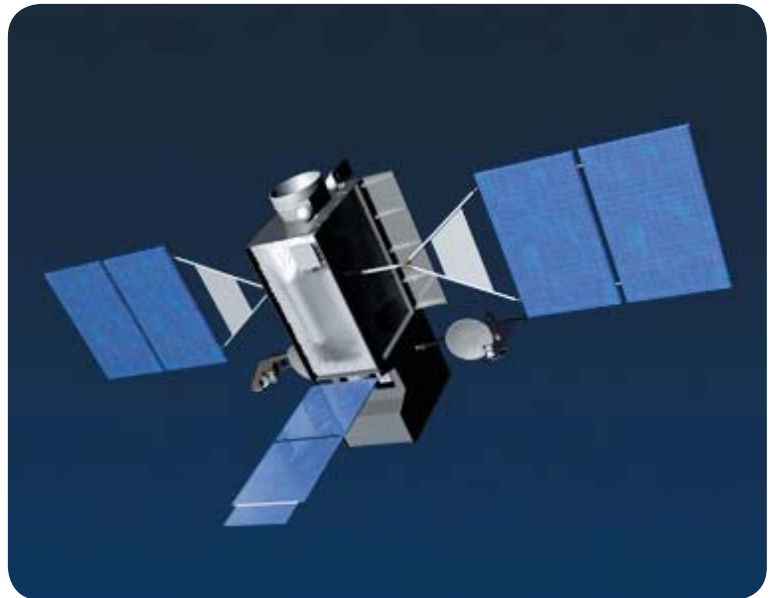
Security clearance forms must be sent by 9 March 2009 to the Missile Defense Agency, not to AIAA.

Applying for security clearance does not register you for the conference.

Total Due \$ _____

Security Clearance Form Instructions

This conference is **SECRET/U.S. ONLY**. Security Clearance is Required.
Security Clearance Form Deadline: 9 March 2009



Please use the security clearance form on page 7, or go to www.aiaa.org/events/missiledefense and click on "Security Information" to download the PDF version. Print all information legibly. Unreadable forms will be returned to the originator without processing.

1. Delegate must complete Parts 1, 2, and 3.
2. Part 4 must be completed by your U.S. Government representative certifying your need-to-know.
3. Part 5 must be completed by your Security Manager or Facility Security Officer (FSO) certifying your security clearance.
4. Part 6: If you desire to receive e-mail notification confirming receipt and acceptance of this form please enter your e-mail address in the boxes provided at the bottom of the form (one character/symbol per box).
5. Submission to MDA: After properly completing the Security Form and obtaining all the certifying signatures, fax the form to:

MISSILE DEFENSE AGENCY/SOC
AIAA/MDA 7th Annual U.S. Missile Defense Conference
Fax: 703.695.2357

6. PHOTOGRAPHS ARE REQUIRED FOR THE CONFERENCE. Delegate's name, organization, and photograph will be used by MDA to issue the delegate's conference badge. Delegate photos will be matched to security clearance information. Submit a JPEG digital photograph (from middle of chest to top of head), 300 dpi or greater, 2 x 2 inches or greater in size, to the MDA/SOC utilizing one of the following methods:

- a. E-mail: Recommended method of transmission to MDA/SOC.
 1. The JPEG file format is delegate's "Last Name, First Name, Middle Initial.JPG"
 2. The Subject Line of the e-mail must be AIAA/MDA 7th Annual U.S. Missile Defense Conference. The body of the e-mail must contain the name of the individual in the picture.
 3. Send the JPEG photograph as an attachment to the e-mail, to bmdconference@mda.mil.

b. Federal Express: If the JPEG digital photograph is sent by Federal Express, the following will apply:

1. Photograph stored on CD or DVD as JPEG file.

2. The JPEG file's name must be the name of the individual contained in the JPEG file. Format for naming the file is "Last Name, First Name, Middle Initial.JPG."
3. Send the package to: MDA/SOC, Attn: SOC/Conference Badging Office, 1301 Southgate Road, Arlington, VA 22202
4. Please ensure a memo is enclosed identifying the full name (last, first, middle initial) of the individual contained on the CD or DVD.

7. Complete the conference registration form at www.aiaa.org/events/missiledefense. The security clearance form does not register you for the conference. You must register through AIAA. Do not mail registration forms or payment to MDA.

All questions concerning completion of the security clearance form or submission to MDA/SOC should be directed to the MDA Security Operations Center (SOC)/Conference Badging Office at 703.697.8145.



The World's Forum for Aerospace Leadership

**American Institute of
Aeronautics and Astronautics**

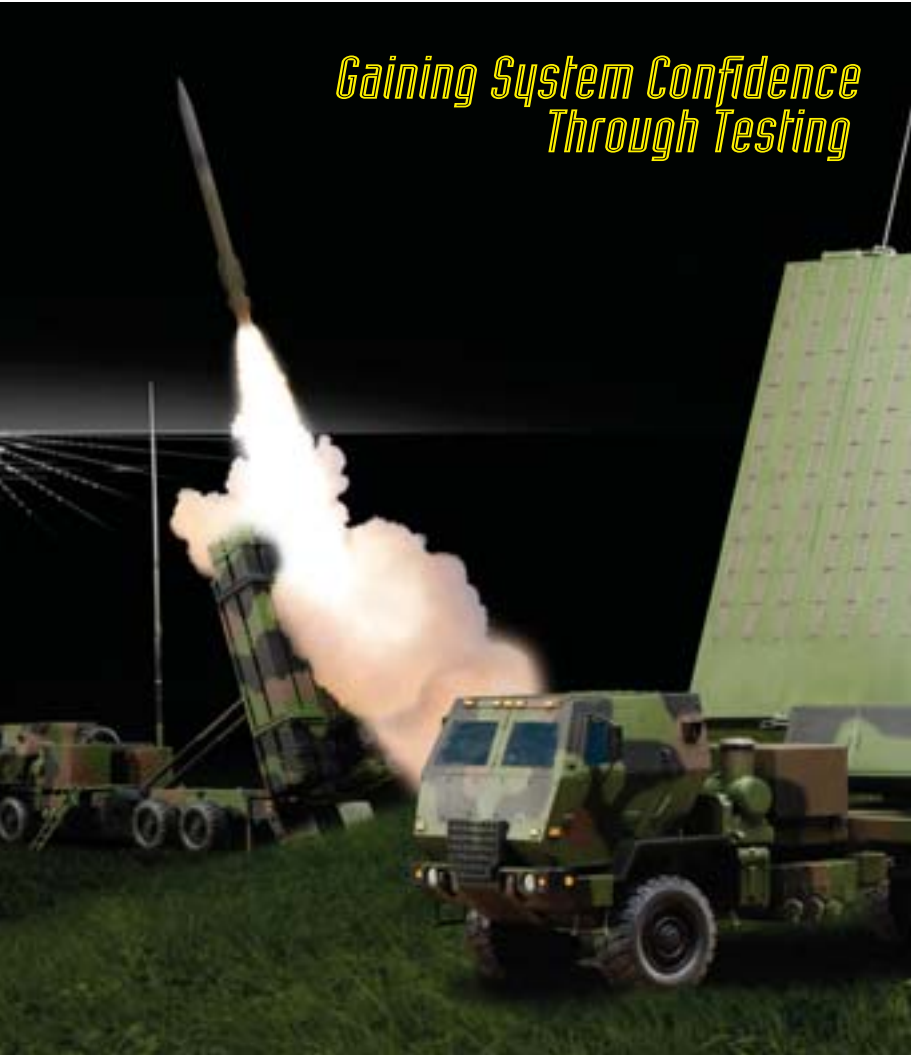
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