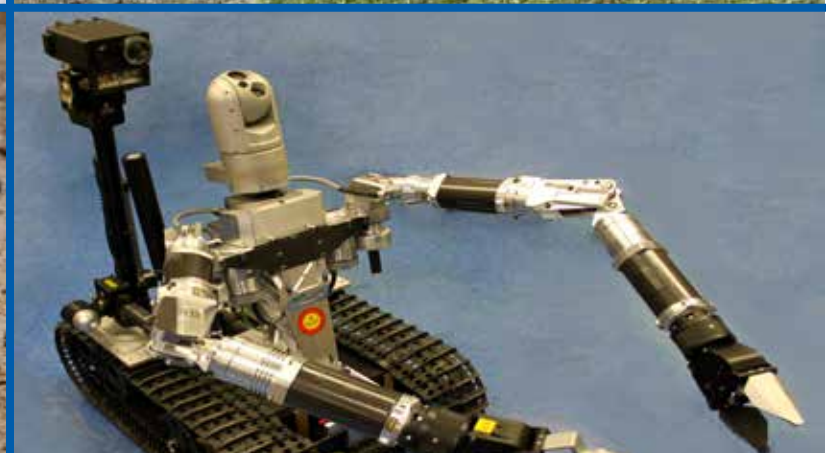


GROUND ROBOTICS CAPABILITIES CONFERENCE & EXHIBITION

A NEW HORIZON: DEFINING THE USE OF ROBOTIC &
AUTONOMOUS SYSTEMS AND THE GAINED BENEFITS



APRIL 7 - 8, 2015

WWW.NDIA.ORG/MEETINGS/5380

CRYSTAL GATEWAY MARRIOTT ► ARLINGTON, VA

EVENT #5380

GROUND ROBOTICS CAPABILITIES CONFERENCE & EXHIBITION

April 7 - 8, 2015 ► Arlington, VA

ABOUT THE PROGRAM

The ability of robots to save lives has secured a path for ground robotics' future alongside the warfighter. Ground robotics, rapidly adopted during the Afghanistan and Iraq wars, has enabled the U.S. and its allies to be more effective, efficient, and protected in a range of different missions, such as Explosive Ordnance Disposal (EOD), Combat Engineering, and Reconnaissance. As the Department of Defense looks to execute its Unmanned Systems Integrated Roadmap and implement Better Buying Power 3.0, greater focus is being placed on interoperability and teaming of ground robots; not only with other unmanned systems, but with manned vehicles as well. As the U.S. Military creates the next generation of requirements, it is more important than ever to bring together industry leaders and service-users, on one stage, in order to explore "A New Horizon: Defining the Use of Robotic & Autonomous Systems and the Gained Benefits".

The purpose of the 2015 Ground Robotics Capabilities Conference & Exhibition is to provide a forum for industry and government to have an honest dialogue that explores the anticipated effectiveness and efficiency gained through the use of connected manned and unmanned assets across all services of the U.S. military. We expect 350 senior defense professionals from government, industry and the military at this year's conference. Registration is open to the public and all professional levels are encouraged to attend.

ABOUT NDIA'S ROBOTICS DIVISION

Established in June 2006, the Robotics Division has been organized to focus on the national security-related applications of robotics technology. Focus areas for the division include research, development, acquisition, application, integration and sustainment of unmanned ground vehicles to enhance the capabilities and survivability of warfighters. Emphasis is placed on the underlying technologies that will yield integrated and interoperable unmanned systems to meet present and future operational requirements.

The division engages with the OUSD AT&L (Tactical Warfare Systems, Land Warfare and Munitions), the PEO CS&CSS, the military service research laboratories, research and development centers, program offices, other government agencies, academia and commercial companies to discuss issues, provide industry insights into promising technologies, and propose systems solutions to challenges associated with tactical and logistical robot operations.

PAST ATTENDEES SAID:

- ▶ "The NDIA Ground Robotics meeting is really the best forum for the exchange of information, ideas and methodologies on unmanned ground systems. This conference always features speakers and panels that address the issues, focus areas and goals as they have been laid out by DoD's Ground Robotics Vision."
- ▶ "You'll participate in an honest dialogue for identifying the technologies capable of satisfying the future needs of the Warfighter."
- ▶ "This conference allowed me to determine exactly what capabilities industry currently has in order to make my work easier. Overall, a great event."
- ▶ "A perfect mix of government and industry personnel."



WHO WILL ATTEND:

We expect 350 senior defense professionals from government, industry and the military, from throughout the nation, in attendance at this year's conference. Conference registration is open to the public, and women and men of all professional levels are encouraged to attend. Registered attendees will likely include:

- ▶ Logisticians
- ▶ Government Laboratories
- ▶ Warfighters
- ▶ Industry Leaders
- ▶ DoD Agencies
- ▶ Tactical Users
- ▶ Combat Developers
- ▶ Trainers



LETTER FROM THE CHAIRMAN

As the U.S. Military resets and reshapes the force, we are faced with an opportunity to define the next era of robotics and autonomous systems and educate how these systems will increase effectiveness and efficiency, serve as force multipliers, save costs, and save lives.

The goal of this conference is to educate industry about future needs and programs, while educating the government on what technologies and capabilities exist or are in development. As part of the conference, I encourage both industry and government to engage in honest dialogue during the question and answer sessions as well as during the networking breaks.

We have a great line up of keynotes, bringing complementary perspectives that will help us collectively address this year's conference theme: "A New Horizon: Defining Robotics & Autonomous Systems and the Gained Benefits". Government and industry leaders will address the salient topics surrounding robotics and autonomous systems.

I wanted to thank the GRCCE Planning Committee and in particular, Mrs. Britt Sullivan, Ms. Allison Hitchner, and their colleagues at NDIA for the hard work to pull this conference together. I would also like to thank Mr. Jose Gonzalez and his staff of the Office of the Under Secretary of Defense (OUSD) for Acquisition Technology and Logistics for collaborating with the Robotics Division to organize a meaningful conference.

The ground robotics industry has an opportunity to help the DoD reshape the future force. Thank you for being here and being part of this critical discussion. I encourage you to take full advantage of this exceptional opportunity to fully participate and help influence the future of Defense-related ground robotics.

Sincerely,
 Jorgen Pedersen
 Chairman, NDIA Robotics Division
 NDIA Board of Trustees
 President & CEO, RE2, Inc.

HOTEL INFORMATION

Crystal Gateway Marriott
1700 Jefferson Davis Highway
Arlington, VA 22202

Ground Robotics Capabilities
Conference & Exhibition
Room Rate: \$224

A block of rooms has been reserved at the Crystal Gateway Marriott in Arlington, VA. In order to ensure the discounted rate, you must make your reservations early and ask for the “National Defense Industrial Association” room block. Rooms will not be held after Wednesday, March 11, 2015, and may sell out before then. Rates are also subject to change after this date. To make your reservation, please call Marriott reservations at 1(800)228 - 9290 or (703)920 - 3230.

HIGH-SPEED INTERNET ACCESS

- Complimentary wireless is provided for use in the lobby and public areas.

PARKING

- Self Parking Rate 0 - 1 hour: \$13.00
- Self Parking Rate 1 - 3 hours: \$19.00
- Self Parking Rate 3 - 24 hours: \$27.00

METRO

- Attendees are encouraged to take the blue line to the Crystal City Metro Station, and walk the short distance to the hotel.

NEARBY AIRPORTS

- Ronald Reagan Washington National Airport - DCA
(Complimentary shuttle is provided to and from the airport)
Shuttle phone: (703)920 - 3230
Subway service fee: approx. \$3.10
Estimated taxi fare: \$10.00
- Washington Dulles International Airport - IAD
Estimated taxi fare: \$45
- Baltimore/Washington International Thurgood Marshall Airport - BWI
Super Shuttle: fee: \$51.00
Estimated taxi fare: \$90.00

REGISTRATION INFORMATION

REGISTRATION PROCESS

To register online for this conference, please visit www.ndia.org/meetings/5380 and click on the “Registration” tab. Online registration will close at 5pm EST on Friday, April 3, 2015. After April 3, 2015, you must register onsite at the registration desk.

CONFERENCE REGISTRATION FEES	EARLY (BEFORE 2/13/15)	REGULAR (2/13/15 - 3/27/15)	LATE (AFTER 3/27/15)
DoD / FEDERAL U.S. GOVERNMENT Contact Britt Sullivan, bsullivan@ndia.org			
ACADEMIA / ALLIED GOVERNMENT	\$450	\$500	\$565
INDUSTRY NDIA MEMBER	\$600	\$660	\$745
INDUSTRY NON - NDIA MEMBER	\$700	\$770	\$870

REGISTRATION RATE INCLUDES

With your purchase of conference registration, you are entitled to:

- Entrance into the general session
- Access to the exhibit hall
- Event meals, which include two continental breakfasts, three networking breaks, two networking luncheons, and one networking reception
- The onsite conference agenda and meeting materials
- All post-event online speaker proceedings (if releasable by speaker)

CANCELLATIONS AND SUBSTITUTIONS

All cancellation requests received on or before Friday, March 27, 2015 will receive a refund minus a cancellation fee of \$75. Refunds will not be given for cancellations received after 5pm EST Friday, March 27, 2015. Substitutions are welcome in lieu of cancellations. Please make your cancellation or substitution in writing to Britt Sullivan at bsullivan@ndia.org.

EXHIBITOR INFORMATION

EXHIBITS

Purchase your booth in real time: www.ndia.org/exhibits/5380.

To view the updated Ground Robotics floor plan, please use the following link, www.ndia.org/exhibits/5380, and click on the “Floor Plan” tab on the left side panel.

COST TO EXHIBIT:

- ▶ Corporate NDIA Member Rate: \$25.00 / sq. ft.
(Note: Your corporate member dues must be current to qualify for the NDIA member rate.)
- ▶ Corporate Member rate also applies to bona-fide U.S. government agencies and academic institutions.
- ▶ Non - Corporate NDIA Member Rate: \$30.00 / sq. ft.
- ▶ **New Cancellation Policy!** There is a 100% penalty fee on all cancelled or reduced exhibit space. All cancellations or reductions in exhibit space must be in writing. For all cancelled or reduced space, exhibitor badges assigned to that space will be automatically relinquished.

EXHIBIT RATE INCLUDES:

- ▶ All networking functions*
- ▶ All scheduled meal events, which include two continental breakfasts, three networking breaks, two networking luncheons, and one networking reception*
- ▶ Two complimentary full registrations for exhibit personnel, per 10' x 10' booth
- ▶ Company profile online
- ▶ 24 hour security
- ▶ Fabric back and side walls and 7" x 44" ID sign

*An exhibit and/or conference badge is required for access to any above referenced benefit.

EXHIBIT SCHEDULE

EXHIBITOR MOVE IN:

Monday, April 6, 2015
12:00 pm - 5:00 pm

EXHIBIT HALL HOURS:

Tuesday, April 7, 2015
9:30 am - 6:00 pm

Wednesday, April 8, 2015
7:00 am - 1:00 pm

EXHIBITOR MOVE OUT:

Wednesday, April 8, 2015
1:30 pm - 5:00 pm

For additional information, please contact Ms. Allison Hitchner Associate Director, Exhibits at (703)247-2573 or ahitchner@ndia.org.

SPONSORSHIP INFORMATION

The Ground Robotics Capabilities Conference & Exhibition sponsorship menu offers many categories to fit your budget. By enhancing your brand with a sponsorship at this premier event, you'll build a stronger perception from the audience and stand out from the crowd.

Sponsorship packages are available from \$2,500 to \$20,000. View the Sponsorship Menu at www.ndia.org/meetings/5380 under the Sponsorship Information tab.

For additional information, please contact Britt Sullivan at (703)247-2587 or bsullivan@ndia.org.

DRESS CODE

The dress for civilians is business attire and uniform of the day for military.

MONDAY, APRIL 6, 2015

12:00 pm - 5:00 pm **REGISTRATION OPEN**

12:00 pm - 5:00 pm **EXHIBITOR MOVE-IN**

TUESDAY, APRIL 7, 2015

7:00 am - 6:00 pm **REGISTRATION OPEN**

7:00 am - 8:00 am **CONTINENTAL NETWORKING BREAKFAST**

8:00 am - 8:10 am **OPENING REMARKS**

► Mr. Jorgen Pedersen, *Chairman, NDIA Robotics Division; President & CEO, RE2, Inc.*

8:10 am - 8:45 am **KEYNOTE ADDRESS**

► MG Robert Dyess, Jr., USA, *Director, Force Development Directorate, G8 Force Development, United States Department of the Army*

8:45 am - 9:30 am **KEYNOTE ADDRESS**

► Mr. David Heaven, *TSWG/NIJ Support, National Bomb Squad Commanders Advisory Board Hazardous Devices Program Support, Inc.*

9:30 am - 6:00 pm **EXHIBIT HALL OPEN**

9:30 am - 10:00 am **NETWORKING BREAK IN THE EXHIBIT HALL**

10:00 am - 10:45 am **ADDRESS**

► Mr. Scott Davis, *Program Executive Officer, PEO Combat Support & Combat Service Support*

10:45 am - 11:30 am **ADDRESS**

► Mr. Tom Dee, *Deputy Assistant Secretary, Expeditionary Programs and Logistics Management, Office of the Assistant Secretary of the Navy, Research, Development and Acquisition*

11:30 am - 12:00 pm **AWARDS CEREMONY**

- Ground Robotics Champion
- Ground Robotics Technology Innovator
- Defense User Recognition Award
- Joint Ground Robotics Enterprise Staff Specialist's Award

12:00 pm - 1:00 pm **NETWORKING LUNCHEON IN THE EXHIBIT HALL**

1:00 pm - 1:15 pm **ADDRESS**

► Mr. Shad Reese, *Staff Specialist, Joint Ground Robotics Enterprise OUSD AT&L/Tactical Warfare Systems/Land Warfare & Munitions*

1:15 pm - 1:45 pm **OSD PERSPECTIVES**

► Mr. James MacStravic, *Deputy Assistant Secretary, Strategic and Tactical Systems, Assistant Secretary of Defense for Acquisition, United States Department of Defense*

TUESDAY, APRIL 7, 2015 - CONTINUED

- 1:45 pm - 3:00 pm** **PANEL: PROGRAM OF RECORD VS. NON-PROGRAM, NON-STANDARD EQUIPMENT - THE BURDEN OF SUSTAINMENT**
Moderated by: Mr. Todd Willert, USA, (Ret), *Program Analyst, TARDEC Emerging Capabilities Office*
- ▶ Capt James Wood, USAF, *Unmanned Systems Acquisition Program Lead, AFCEC/CXAE*
 - ▶ CAPT Aaron Peters, USN, *Program Manager, Expeditionary Missions*
 - ▶ Mr. Bryan McVeigh, *Project Manager, Project Manager Force Projection*
 - ▶ Mr. Jorgen Pedersen, *Chairman, NDIA Robotics Division; President & CEO, RE2, Inc.*
 - ▶ Mr. Kevin Ryan, PMP, *Director of U.S. Government Robotics Defense & Security Business Unit, iRobot Corporation*
 - ▶ Mr. Walt Werner, *Director, Northrop Grumman Remotec*
- 3:00 pm - 3:30 pm** **NETWORKING BREAK IN THE EXHIBIT HALL**
- 3:30 pm - 4:15 pm** **THE DEFENSE MOBILITY ENTERPRISE: AN UPDATE**
 ▶ Mr. Tony Melita, *Executive Director, National Advanced Mobility Consortium*
- 4:15 pm - 5:00 pm** **ADDRESS**
 ▶ Dr. Robert Diltz, *Robotics Program Manager, Air Force Civil Engineer Center*
- 5:00 pm - 6:00 pm** **NETWORKING RECEPTION IN THE EXHIBIT HALL**

WEDNESDAY, APRIL 8, 2015

- 7:00 am - 3:00 pm** **REGISTRATION OPEN**
- 7:00 am - 1:00 pm** **EXHIBIT HALL OPEN**
- 7:00 am - 8:00 am** **CONTINENTAL NETWORKING BREAKFAST IN THE EXHIBIT HALL**
- 8:30 am - 9:15 am** **BBP 3.0 & MODULAR OPEN SYSTEMS ARCHITECTURE**
 ▶ Mr. Kevin Fahey, *Director, Deputy Assistant Secretary for Acquisition and Systems Management, Assistant Secretary for Acquisition, Logistics and Technology, United States Department of the Army*
- 9:15 am - 10:15 am** **PANEL: WHAT IS THE CORRECT LEVEL OF AUTONOMY?**
Moderated by: Mr. Thomas Gonzalez, *Senior Vice President, Stratom, Inc.*
- ▶ LTC Matt Dooley, USA, *Chief, Lethality Branch, Army Capabilities Integration Center, Training and Doctrine Command (Invited)*
 - ▶ Mr. Jim Parker, *Associate Director for Ground Vehicle Robotic, Army Tank Automotive Research, Development and Engineering Center (TARDEC)*
 - ▶ LTC Joe Bell, USA (Ret), *President, Acquisition Technologies Integrated, Inc.*
 - ▶ Dr. Todd Danko, LMCO, *Lead Robotics Research Scientist, Lockheed Martin Advanced Technology Laboratories*
 - ▶ LtCol Hank Lutz, USMC, *Ground Systems Lead, JRAST Joint Staff, J8 Force Application*
- 10:15 am - 10:45 am** **NETWORKING BREAK IN THE EXHIBIT HALL**

WEDNESDAY, APRIL 8, 2015 - CONTINUED

- 10:45 am - 11:30 am** **JOINT CONCEPT FOR ROBOTIC AND AUTONOMOUS SYSTEMS: A VISION FOR FUTURE RAS EMPLOYMENT**
▶ LtCol Hank Lutz, USMC, *Ground Systems Lead, Joint Staff Robotic and Autonomous Systems Team, J8*
- 11:30 am - 1:00 pm** **NETWORKING LUNCHEON IN THE EXHIBIT HALL**
- 1:30 pm - 5:00 pm** **EXHIBITOR MOVE-OUT**
- 1:00 pm - 1:45 pm** **DARPA GROUND ROBOTICS**
▶ Mr. Brad Tousley, *Director, Tactical Technology Office, DARPA*
- 1:45 pm - 2:45 pm** **PANEL: THE DRIVE TOWARDS GREATER INTEROPERABILITY**
Moderated by: Mr. William Thomasmeyer, *National Advanced Mobility Consortium*
▶ Mr. Mark Mazzara, *Interoperability Lead – Robotics, PM Force Projection, PEO CS&CSS*
▶ Mr. Frank Lentine, *Program Manager, QinetiQ*
▶ Dr. Michael Moore, *Staff Engineer, Southwest Research Institute*
▶ Mr. Kurt Bruck, *Program Manager, QinetiQ*
- 2:45 pm - 3:00 pm** **CLOSING REMARKS**
▶ Mr. Jorgen Pedersen, *Chairman, NDIA Robotics Division; President & CEO, RE2, Inc.*
- 3:00 pm** **CONFERENCE ADJOURNS**