



2ND ANNUAL

# DIRECTED ENERGY

& NEXT GENERATION MUNITIONS

Pre-Summit Workshop Day

Monday, June 26<sup>th</sup> 2017

0830	Registration
	Chairperson's Welcoming Remarks
0915	Lt Col Evan Hunt   High Energy Laser Business Development Lead   <a href="#">Raytheon Space and Airborne Systems</a>
	Naval Roadmap for DES Testing and Operational Implementation
0930	RADM Michael Manazir   Deputy Chief of Naval Operations for Warfare Systems   <a href="#">OPNAV N9</a>
1030	Morning Networking & Refreshment Break
	Incorporating Directed Energy into the BMDS and CUAS Architecture
1100	Mr Richard Matlock   Advanced Technology Program Executive   <a href="#">Missile Defense Agency</a>
	Monolithic and Hybrid Beam Combining of Diode Lasers for Brightness Scaling
1145	Lin Zhu, Ph.D.   Associate Professor   <a href="#">Center for Optical Materials Science and Engineering Clemson University</a>
1230	Networking Luncheon
	Integration Readiness Level Lessons for Directed Energy Systems
1330	Dr. Sean Ross   Lead LWS Integration Engineer   <a href="#">AFRL/RDLA</a>
1500	Afternoon Refreshment Break
	Integrating DES on Ground Mobile Platforms for U.S Army and USMC
1530	COL James Jenkins   Director, S&T and Experiments Division   <a href="#">Marine Corps Warfighting Laboratory</a>
1700	End of Focus Day

## ACCESS THE PRESENTATIONS ONLINE

IQPC offers attendees the opportunity to download all the approved conference presentations following the event.

PLEASE TURN IN YOUR EVALUATION FORM AT THE REGISTRATION DESK BEFORE YOU LEAVE THE CONFERENCE TO RECEIVE THE PRESENTATION SITE USERNAME AND PASSWORD. PRESENTATIONS WILL BE POSTED TO THE WEBSITE

BY JULY 5<sup>th</sup>, 2017



2ND ANNUAL  
**DIRECTED ENERGY**  
& NEXT GENERATION MUNITIONS

Main Summit Day One

Tuesday, June 27<sup>th</sup> 2017

0800	Registration & Coffee
	Chairperson's Opening Remarks
0845	Arthur A. Morrish   Ph.D. Vice President, Advanced Concepts and Technology   <a href="#">Raytheon Space and Airborne Systems</a>
	<b>KEYNOTE PRESENTATION: The Department of Defense Directed Energy Roadmap</b>
0900	Lt Gen Bradley Heithold   Principal Deputy Director, Cost Assessment and Program Evaluation   <a href="#">Office of the Secretary of Defense</a>
	<b>Congressional Perspectives on Directed Energy Development and Acquisition</b>
1000	Congressman Jim Langevin   Co-Chair   <a href="#">Directed Energy Caucus</a>
1030	Demo Drive and Morning Networking & Refreshment Break
	<b>Warfighter Perspectives on Operational Challenges and Advantages of DES</b>
1115	Major General John McMullen   Vice Commander   <a href="#">Air Combat Command, USAF</a>
	<b>Near-Term DE Solutions to Accelerate Tomorrow</b>
1200	David B. Allison   Ph.D. HEL Product Line Director, Advanced Concepts and Technology   <a href="#">Raytheon Space and Airborne Systems</a>
1245	Networking Luncheon
	<b>Integrating Directed Energy into the Army Counter UAS Strategy</b>
1345	COL(R) John Haithcock   Director, Fires Battle Lab   <a href="#">U.S. Army Fires Center of Excellence</a>
1515	Afternoon Networking & Refreshment Break
	<b>Taking High Energy Lasers from the Laboratory to the Field</b>
1545	Mr. Tom Webber   Director, Technical Center   <a href="#">USASMD/ARSTRAT</a>
	<b>Directed Energy Employment and Warfighter Risk Considerations</b>
1630	Mr. Scott Boyd   Director JLaSE Joint Test   <a href="#">NSWC Dahlgren</a> MAJ Jeffrey Nelson   Joint Test and Evaluation   <a href="#">OSD</a>
	Closing Remarks
1700	Arthur A. Morrish   Ph.D. Vice President, Advanced Concepts and Technology   <a href="#">Raytheon Space and Airborne Systems</a>
1705	Join Us for a Cocktail Reception in the Exhibit Hall!

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2ND ANNUAL

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Main Summit Day Two

Wednesday, June 28<sup>th</sup> 2017

0800	Registration & Coffee
	Chairperson's Opening Remarks
0845	David B. Allison, Ph.D. HEL Product Line Director   Advanced Concepts and Technology   <a href="#">Raytheon Space and Airborne Systems</a>
	Platform Systems Integration Considerations for Directed Energy
0900	Mr. Samuel Gutierrez   Staff Assistant Directed Energy Weapons   <a href="#">Office of the Assistant Secretary of Defense, Research and Engineering/Weapons</a>
	Strengthening the BMDS Architecture with Directed Energy
0945	Dr. Thomas Karako Director   Missile Defense Project   <a href="#">Center for Strategic and International Studies</a>
1030	Demo Drive and Morning Networking & Refreshment Break
	Rheinmetall's unique "Beam-superimposing" HEL Technology for all Applications
1115	Colonel Fabian Oschner   Vice President, Business Development & Marketing   <a href="#">Rheinmetall Air Defence</a> Dr. Markus Jung   Vice President Directed Energy   <a href="#">Rheinmetall Waffe Munition</a>
	Directed Energy Challenges and Solutions for the U.S. Navy
1200	Mr. John Fiore   Technical Director   <a href="#">NSWC Dahlgren Division</a>
1245	Networking Luncheon
	Laser Technologies at AFRL
1345	Dr. Richard Bagnell   SHIELD Program manager   <a href="#">Air Force Research Laboratory</a>
	Thermal Management Concerns for Platform Integration
1430	Dr. Richard T. Carlin   Department Head, Sea Warfare and Weapons Department   <a href="#">Office of Naval Research</a>
1515	Afternoon Networking & Refreshment Break
	Power Generation and Storage Solutions for Directed Energy Systems
1530	Ms. Sarwat Chappell   Program Officer for Weapons, Power & Energy   <a href="#">Office of Naval Research-Code 333</a>
	Closing Remarks
1615	David B. Allison, Ph.D. HEL Product Line Director   Advanced Concepts and Technology <a href="#">Raytheon Space and Airborne Systems</a>

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