ATTENDEE GUIDE

AND EXHIBITOR BROCHURE

Directed Energy Systems Symposium

November 16–20, 2026



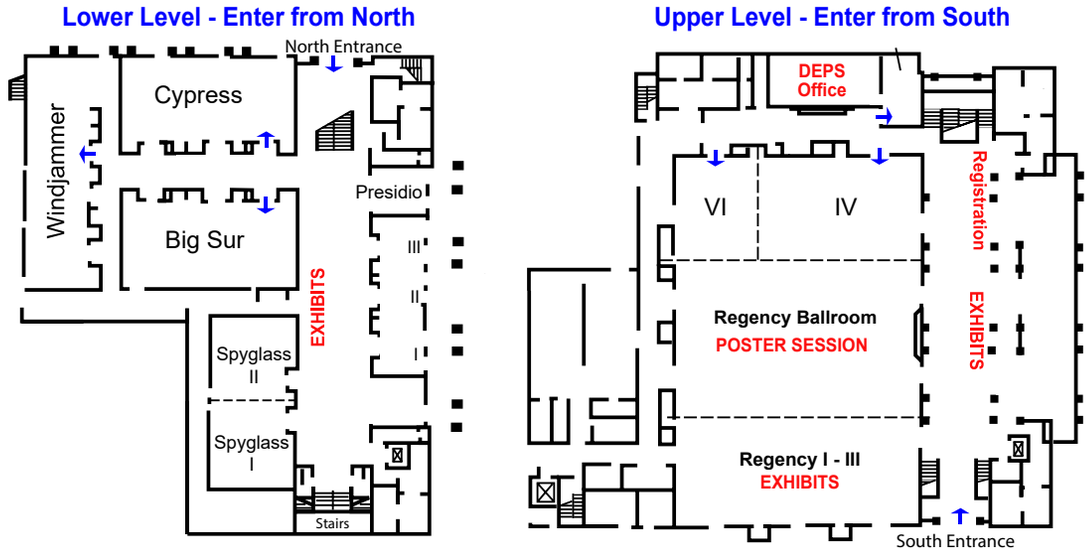
Exhibit Hours

Tuesday	0700 - 0830
Tuesday Reception	1730 - 1930
Wednesday	0700 - 1700
Thursday	0700 - 1600

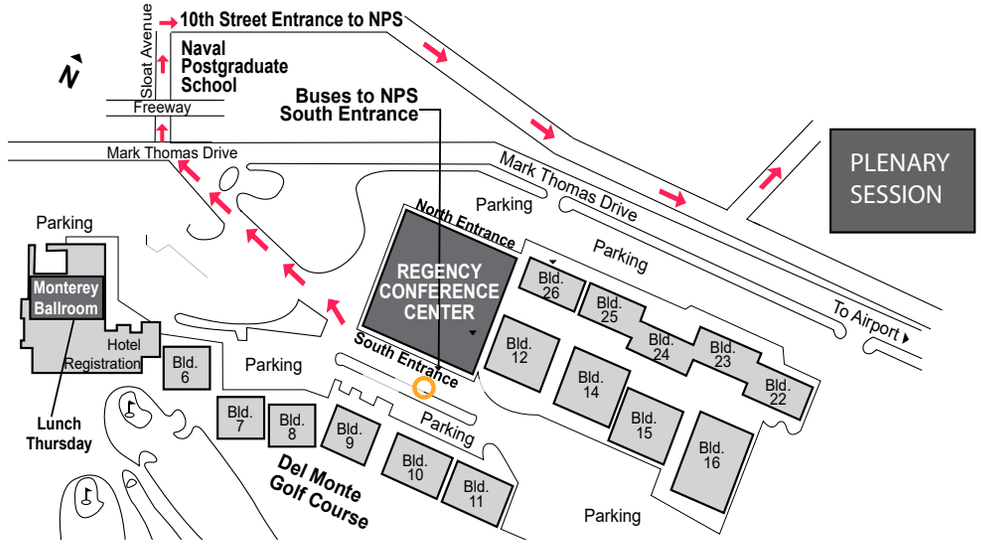
TECHNICAL SESSION OVERVIEW

Room	Tues AM	Tues PM	Wed AM	Wed PM	Thurs AM	Thurs PM	Fri AM
NPS King Hall	Plenary Session	Plenary Session					
NPS ME Auditorium			HEL Lethality I	HEL Systems II / Mission Engineering I	HPM Systems II	HPM Lethality III	
NPS Glasgow Hall			DE for Air Defense I	DE Bioeffects II / Airborne DE II	HPM Lethality II / HEL Lethality II	CDEW II / Tech for Space Apps II	
Hyatt Regency IV			HEL Systems I	DE Technologies for Space Mission Applications I	DE Bioeffects III: Modeling Focus	HEL Lethality III	HEL Systems III
Hyatt Big Sur			Atmospheric Propagation	AI for DE	CDEW I	DE for Air Defense II	DE for Air Defense III
Hyatt Cypress			DE Bioeffects I: Experimental Focus	DE Battle Managem't & Engagement Coordination	DE Mission Engineering, Wargaming, and System Analysis II	Beam Control Systems and Technologies	DE Mission Engineering, Wargaming, and System Analysis III
Hyatt Wind-jammer			HPM Systems I	HPM Lethality I	DE Non-Weapon Applications	DE Manufact, Readiness, & Sustainment	
Hyatt Regency VI			Airborne DE I				

CONFERENCE AREA - TECHNICAL SESSIONS



WALK TO NPS



CONFERENCE ACTIVITIES & HOSTED EVENTS

MON	0700	**Registration at the Hotel** - Upper Level Hyatt Conference Ctr
	0800-1700	**Short Courses** - Lower Level Hyatt Conference Ctr
	1730	**Welcome Drink Social** Hosted by ***IPG Photonics***
TUES	0630	**Breakfast** - Hyatt Ballroom (Eat before going to offsite)
	0700	**Registration** - Outside King Hall, Naval Postgraduate School
	0800	**Plenary Session** - King Hall, Naval Postgraduate School
	1200	**Lunch** - Hermann Hall, NPS Co-Hosted by ***Optimax***
	1315	**Plenary Session** - King Hall, Naval Postgraduate School
	1730	**Exhibitor Reception** Co-Hosted by ***FiveNine Optics***
WED	0630	**Breakfast** - Hyatt Ballroom
	0700	**Registration at the Hotel** - Upper Level Hyatt Conference Ctr
	0800	**Technical Breakout Sessions** - Hyatt and Offsite
	1200	**Lunch -** Strolling lunch in Exhibit Area
	1200-1400	**Poster Session** - Regency Ballroom
	1400	**Technical Breakout Sessions** - Hyatt and Offsite
THURS	0630	**Breakfast** - Hyatt Ballroom
	0700	**Registration at the Hotel** - Upper Level Hyatt Conference Ctr
	0800	**Technical Breakout Sessions** - Hyatt and Offsite
	1200	**Lunch** - Monterey Ballroom (Next to Hotel Lobby)
	1300	**Technical Breakout Sessions** - Hyatt and Offsite
FRI	0700	**Breakfast** - Hyatt Ballroom
	0700	**Registration at the Hotel** - Upper Level Hyatt Conference Ctr
	0800	**Technical Breakout Sessions** - Hyatt
	0800	**Laser Deconfliction Special Short Course** - Lower Level
	0830	**Spacecraft Research & Design Center Lab Tour**
	1200	**Symposium Adjourns**



Thanks to Our Co-Hosts

Welcome Event

IPG DEFENSE

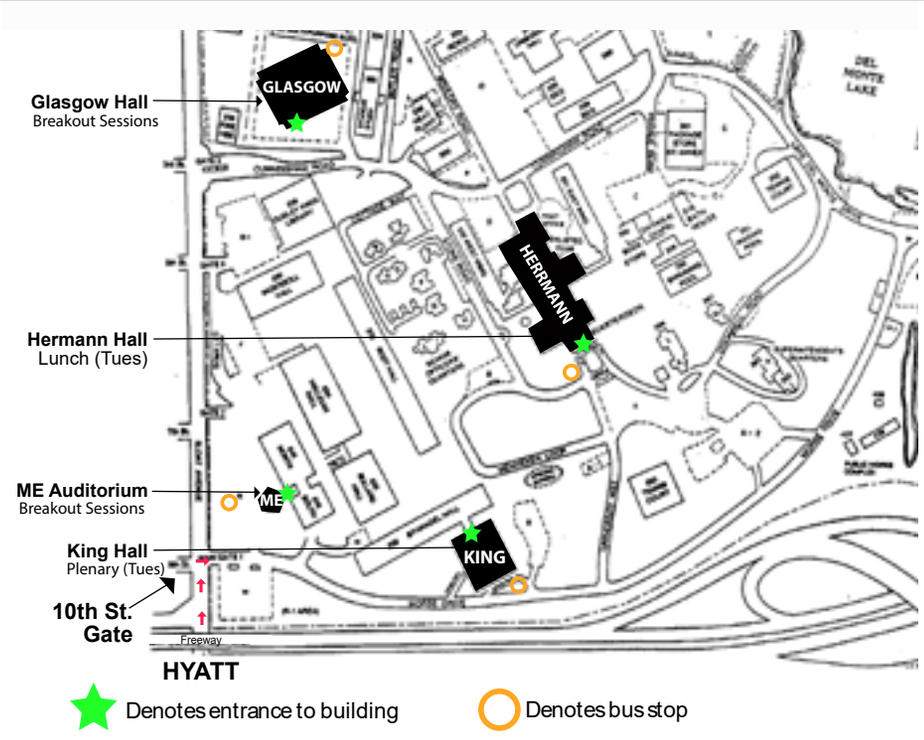
Exhibitor Reception

FIVENINE optics

Tuesday Lunch

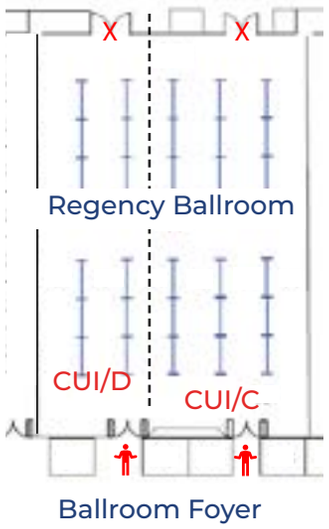
OPTIMAX

NPS SESSION BUILDINGS



POSTER SESSION

TOPIC AREAS WILL BE COLOR CODED



- AI for DE
- Airborne DE
- DE Battle Management
- Beam Control Systems and Technologies
- Bioeffects
- CDEW
- DE Manufact/Readiness/Sustainment
- DE Non-Weapon Applications
- HEL Lethality
- HEL Systems
- HPM Systems



PRIVATE SIDE MEETING ROOMS

Dedicated breakout rooms are available for attendees who wish to hold private meetings during the event. Located on the lower level of the conference center, rooms may be reserved in one hour increments and are open to all registered attendees on a first-come, first-served basis. To reserve a meeting room, please visit the DEPS office during operating hours. Staff will assist you with scheduling time and provide room assignment details.

Attalon



Light in the shadows.
Precision in the fight.

Enabling commercial and defense platforms with precision optical, laser, and coating technologies for targeting, imaging, guidance, munitions, and directed-energy systems.

www.atln.com



INNOVATION & LEADERSHIP IN
HIGH ENERGY LASER BEAM CONTROL AND ADAPTIVE OPTICS SYSTEMS

MZA

MZA Associates Corporation

4900 Lang Ave NE, Suite 100
Albuquerque, NM 87109
P: (505) 245-9970
F: (505) 245-9971

1360 Technology Court, Suite 200
Dayton, OH 45430
P: (937) 684-4100
F: (505) 245-9971

MZA.com

MZA analyzes, designs, builds, and tests precision beam control systems for High Energy Laser and compensated imaging systems.

- Lightweight & Compact Beam Control Systems
- Deformable Mirrors and Adaptive Optics Systems
- Target Acquisition, Tracking, & Pointing (ATP) Systems
- Characterization and Compensation of Atmospheric Turbulence
- Characterization and Compensation of Aero-Optical Effects
- WaveTrain Wave-optics Analysis and System Modeling
- Free-space Laser Communications
- Laser Weapon Effectiveness Predictive Modeling

Directing Our Energy to Directed Energy



MZA is a leading innovator and manufacturer of high power deformable mirrors and closed-loop adaptive optics systems.

The next generation of precision strike weapons is being built with technologies developed by MZA.

Employee-Owned, Veteran-Owned Small Business

Active Optical Systems, LLC

www.aos-llc.com

Active Optical Systems (AOS) is a leading manufacturer of adaptive optics. AOS produces components and systems for aerospace, defense and commercial applications including deformable mirrors (DM), fast steering mirrors (FSM), controllers, wavefront sensors (WFS), and consolidated safety and hardwire-abort systems. AOS is ISO9001:2015 certified, ITAR/NIST/CMMC complaint, and veteran-owned US business.

Adsantec Inc.

www.aos-llc.com

ADSANTEC designs and develops advanced PRBS integrated circuits and board-level modulator drivers engineered for precision spectral line broadening and phase modulation in high-power directed-energy laser systems.

Astrodyne TDI

www.AstrodyneTDI.com

With over 60 years of experience, Astrodyne TDI delivers reliable power conversion and EMI filtering solutions for mission-critical military and aerospace applications. Our portfolio includes custom and commercial-off-the-shelf (COTS) power supplies and EMI filters engineered to meet exacting MIL-STD specifications. From land to sea to air, we deliver reliable, innovative power solutions that support advanced defense technologies in harsh environments.

Attalon, Inc

www.atln.com/

Attalon, Inc. is an independent U.S. defense technology company specializing in advanced subsystems, precision-engineered components, and coatings that enable mission-critical defense platforms. Focused on performance, reliability, and mission impact, Attalon designs and manufactures directed energy, laser, and optical technologies that support the next generation of defense capabilities. The company is headquartered in Philadelphia, Pennsylvania, with operations across the United States.

BEAM Co.

https://www.beamco.com/

Beam Engineering for Advanced Measurements Co is fully vertically integrated company that manufactures diffractive waveplates. The diffractive waveplates developed by BEAM Co. are micron thin optical coatings capable of performing the same functions as lenses, prisms, spiral phase plates, shutters, beam shapers and non-mechanical beam steering. Unlike normal diffractive optical components, diffractive waveplates can be produce with near 100% diffraction efficiency, broad spectrum UV to IR and either passive or electro switchable.

CACI International Inc.

www.caci.com

CACI International Inc (NYSE: CACI) is a technology-first national security company that expands the limits of national security through innovation, discipline, and operational excellence. We deliver advanced technologies that help our customers move faster, operate more efficiently, and anticipate and defeat evolving threats. Our 27,000 talented employees and strong culture drive our success and have earned CACI recognition as a Fortune World's Most Admired Company. CACI is a member of the Fortune 500™, the Russell 1000 Index, and the S&P MidCap 400 Index.

CoorsTek, Inc.

www.coorstek.com

CoorsTek Aerospace & Defense delivers advanced ceramic materials and protection solutions for aerospace, defense, and government partners, addressing extreme temperature, wear, ballistic, optical, and electromagnetic challenges. Our direct-sintered silicon carbide can be used in both fast-steering mirrors (FSMs) and large mirrors. The material resists chipping and can be highly polished.

DESIL, U.S. Navy

US NAVY Directed Energy Systems Integration Laboratory(DESIL) provides in-service engineering, test and evaluation, and integrated logistics support for systems and programs that require access to the Point Mugu Sea Test Range. The facility offers standard hotel services(power, cooling, and air) to support various systems and has access to spaces of varying security levels to meet customer requirements.

Contact DESIL_7028@us.navy.mil for any further inquiries on our facility.

Diversified Technologies, Inc.

www.divtecs.com

Diversified Technologies, Inc., headquartered in Bedford, MA, is the developer and manufacturer of the PowerMod™ line of solid state power supplies, pulse modulators, and related high voltage, high power equipment. DTI's high voltage systems are used for defense and commercial applications including radar, power conversion, and high-energy physics.

EO Solutions

www.AdsysControls.com

Leveraging world-class expertise in both hardware and software development, including cutting-edge AI and Machine Learning capabilities, we specialize in the rapid prototyping and deployment of emerging technologies. Our core areas of focus are Directed Energy and Space Domain Awareness, led by an elite team of professionals committed to excellence.

Epirus

www.epirusinc.com

Epirus is a high-growth technology company dedicated to overcoming the asymmetric challenges inherent to the future of national security. Epirus' flagship technology, Leonidas, is a scalable, software-defined and safe high-power microwave platform to counter swarms of autonomous systems across domains. Leonidas is a proven non-kinetic counter-UAS solution that uses directed electromagnetic energy to defeat fast-moving, swarming, AI-controlled and fiber-optic guided UAS threats by disabling a target's critical electronic components.

FiveNine Optics

www.fivenineoptics.com

FiveNine Optics makes Ion Beam Sputtered (IBS) coatings for the highest-power HEL systems. LIDT exceeds 10 MW/cm² CW and 70 J/cm² pulsed (10 ns, 1064 nm), with absorption below 1 ppm. FOD-hardened, with zero HEL optics returned for laser-induced damage. Repeatable to 750 mm, scalable to 1 m, from prototype to program of record.

General Atomics EMS

https://www.ga.com/about/ems

General Atomics Electromagnetic Systems (GA-EMS) offers a portfolio of precision guided munitions, modular missiles and payloads, hypersonic projectiles, and advanced electronics to provide greater flexibility and capability to support offensive and defensive mission requirements. Along with our compact, modular high energy laser weapon system for mobile ground, sea, and air-based platforms, GA-EMS provides unmatched power, precision, and performance to detect and defeat an expanding range of targets.

Helicon Defense/NuvoNexus

www.nuvonexus.com

NuvoNexus builds and operates deep-technology businesses serving defense and industrial customers. Its portfolio includes MacroVation's materials R&D and prototype systems, Helicon Defense's Ukrainian and allied technology transition work, and Phoenix Asset Recovery. We connect technical development with evaluation, manufacturing, customer requirements and commercialization, supported by founder David Sherrer's experience building and transitioning Nuvotronics and Haleos.

Microwave Applications Group

www.magsmx.com

Microwave Applications Group is involved with passive ferrite components and assemblies, from phase shifters and switches to complete phased array antenna. Programs of Record supported are the B-1B, B2, AWACS, U2, Globalhawk, SPQ-9B, Tesar, CP140 radar, ARSR4 LRR,ASTOR, AR320, HAWK, SMART L, TRS-3D, PAVE PAWS, MPN-14K and the AATS, CLPS, and ARTS-V1 threat simulators. MAG makes parts for all the LINAC programs and numerous exotic prototypes.

Microwave Power Products

www.mppinc.com

Since 1948, Microwave Power Products (MPP) has been at the forefront of vacuum electron technology, delivering high-power RF and microwave solutions for the world's most demanding directed energy, scientific, and industrial applications. Our products include klystrons, gyrotrons, traveling wave tubes (TWTs), magnetrons, and power grid tubes. Designed and manufactured in Palo Alto, California, USA.

IPG Photonics

www.ipgphotonics.com

Founded in 1990, IPG Photonics is a leading provider of laser solutions, offering components, high-performance laser sources, and complete systems. The company uses its laser technology expertise to develop and provide lasers and laser solutions for advanced and scientific applications including spectroscopy, optical pumping, optical trapping, quantum computing, and more.

Joint Directed Energy Consortium (JDEC)

https://jointdirectedenergy.org/

The Joint Directed Energy Consortium (JDEC), established in 2026 and powered by NSTXL serves as the primary Other Transaction agreement vehicle for the Office of the Under Secretary of War for Research and Engineering, Critical Technologies, Scaled Directed Energy (OUSW R&E (CT) SCADE). JDEC drives innovation at the tactical edge, focused on scaling high-energy lasers and microwave technologies to provide low-cost, high-impact solutions against emerging threats.

MKS Inc.

www.ophiropt.com

Ophir is a brand within the MKS Photonics Solutions division. The Ophir product portfolio consists of laser and LED measurement products including laser power and energy meters, beam profilers, high-performance IR thermal imaging lenses and optics for CO_2 and high-power fiber laser applications. For more information, visit www.ophiropt.com.

MZA Associates Corporation

www.mza.com

MZA provides innovation and leadership in HEL beam control and adaptive optics systems. MZA analyzes, designs, builds, and tests precision beam control systems for HEL and has expertise in: laser weapon effectiveness, predictive modeling, lightweight & compact beam control systems, deformable mirrors and adaptive optics systems, target acquisition, tracking and pointing systems, characterization and compensation of atmospheric turbulence, characterization and compensation of aero-optical effects, free space laser communications Wave-Train wave-optics analysis and system modeling.

Leonardo Electronics US Inc.

www.leonardo.us

Leonardo Electronics US, Inc., is a premier manufacturer of semiconductor laser diodes, supporting volume production of high-power laser sources and precision beam-conditioning micro-optics for directed-energy applications. Manufactured entirely in the United States, our solutions deliver exceptional peak power in compact, scalable architectures that minimize size and weight while optimizing power (SWaP). Designed for demanding defense platforms, Leonardo laser technologies provide robust, field-proven performance and scalable capability for next-generation directed-energy systems.

Mantis Space

https://mantis.space/

Mantis Space is building power infrastructure for the space economy. We are a venture-backed team of approximately 50 with great traction from government and commercial customers. Our laser technology delivers on-demand energy to spacecraft, replacing a power paradigm that dates back to the 1950s, and unlocks capabilities that will redefine the future of commercial space.

nLIGHT

www.nLIGHT.net

nLIGHT is a leading provider of high-power semiconductor and fiber laser technologies, delivering advanced solutions for defense and directed energy applications. With expertise in high-power lasers and beam control, nLIGHT develops scalable technologies designed for demanding mission environments.

Nokomis, Inc.

www.nokomisinc.com

Nokomis is dedicated to the development of advanced capabilities across the DoW that leverage low-level RF emissions through RF sensors with unparalleled (-170 dBm) sensitivity for exploitation of simple and complex systems. Nokomis' Hiawatha System-in-Package (H-SiP) detects RF emissions at the system and subsystem level for various applications including countering unmanned systems, battle damage hit/kill assessment for DE Weapons, detection, identification and geolocation, advanced spectrum monitoring, diagnostics, and cyber-physical security.

Optimax Systems, Inc.
www.optimaxsi.com

America's largest optics manufacturer, Optimax is on the cutting edge of future applications in space, high-energy lasers, and semiconductor. Our wide range of capabilities, from high-precision optics to optical systems, creates end-to-end projects for our customers using a combination of technologies and engineered solutions.

OPTOMAN, Inc.
www.optoman.com

OPTOMAN designs and manufactures custom IBS-coated laser optics for high-power, ultrafast, industrial, scientific, defense, space, and medical laser systems. We specialize in producing highly customized and application-optimized high-power laser optics, spanning 193 nm to 5 µm and parts from 3 mm to 500 mm in diameter. Our focus on precision, accuracy, and repeatability ensures that our products meet the highest standards of quality and performance. Outstanding service is not responsiveness, it's shared responsibility for performance.

Penn State ARL
www.arl.psu.edu

Founded in 1945 at the request of the U.S. Navy, Penn State Applied Research Laboratory is a Department of War (DoW) designated University Affiliated Research Center (UARC) that leverages cutting-edge research and innovation to pursue our mission. Though we are primarily sponsored by the U.S. Navy, we proudly support all of the U.S. Armed Forces and other government agencies. As a UARC, ARL maintains core technology capabilities of critical importance to our Navy sponsors. We strive to embody a culture of scientific discovery and consistently leverage our agility to adapt to evolving mission needs.

Plymouth Grating Laboratory
www.plymouthgrating.com

Plymouth Grating Laboratory is dedicated to making the highest-quality diffraction gratings available today. Our focus is on lasers and laser systems. PGL gratings offer exceptionally high diffraction efficiency and laser damage threshold, combined with superior wavefront error and uniformity over large areas. This performance is made possible by PGL's exclusive use of the Nanoruler, based on the proprietary Scanning Beam Interference Lithography technology developed at MIT, and PGL's industry-leading process expertise.

PowerPhotonic Inc.
www.powerphotonic.com

PowerPhotonic are leading experts in freeform solutions for optical components and assemblies. Our key capability is taking prototype concepts and offering tailor made designs. Our laser processed components are extremely efficient and can handle high CW or pulsed power. We supply components and assemblies to a range of markets, including laser material processing and beam combining for inertial fusion and directed energy applications.

Raytheon an RTX Business
https://www.rtx.com/

Raytheon brings together the best minds, systems and capabilities to create next-generation solutions that are smarter, faster and better than previously thought possible.

TelAztec
www.TelAztec.com

TelAztec RANDOM (RAR) and MOTHEYE type Anti-Reflection Nano-textured optics eliminates the need for traditional dielectric thin-film coatings and replaces with a sub-wavelength scale surface texture etched directly into the bulk optic. The contamination resistant, broadband AR nano-texture provides ultra-low reflection loss with zero added absorption, no surface heating, no thermal lensing resulting in breakthrough damage resistance (pulsed >60J/cm^2; CW >30MW/cm^2).

ThinKom Solutions, Inc.
www.ThinKom.com

Based in Hawthorne, California, ThinKom Solutions, Inc. is a leading manufacturer of high-performance phased array satcom antennas and antenna systems for commercial, government, and defense applications, including Inflight Connectivity (IFC), Counter-Uncrewed Aircraft Systems (C-UAS), Ground Stations and Intelligence, Surveillance, and Reconnaissance (ISR). ThinKom's adaptable antenna systems leverage proven, proprietary, and patented VICTS technology to deliver fast, resilient, and reliable performance in all of our core markets.

Zygo
www.zygo.com

Zygo, along with Navitar, Pixelink, and Special Optics provides tailored metrology and optical solutions across industries such as Semiconductor, Life Sciences, Machine Vision, Aerospace and Defense, and Medical Devices. Their strength lies in their consultative approach, advanced engineering, and precision manufacturing. Zygo and Navitar combine world-class expertise to solve the most complex optical challenges, setting new standards for quality and innovation in the global market.

WAVEFRONT
THE DEPS NEWSLETTER

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Subscribe to the WaveFront Email office@deps.org











EXTREME PERFORMANCE
OPTICAL COATINGS

Engineered for High Energy Lasers. Built for Precision Photonics.

General Atomics Electromagnetic Systems (GA-EMS) delivers precision **Ion Beam Sputtering (IBS)** and **Atomic Layer Deposition (ALD)** coatings for the most demanding defense, aerospace, medical, semiconductor, industrial, and scientific applications.

- Ultra-High Reflectivity: >99.999% R with <1 ppm absorption in the 1 μm band
- Large Optics Capability: substrates up to 28” diameter with <1% non-uniformity
- Advanced Metrology: UV to far IR spectral measurement and high resolution interferometry

When performance cannot fail, GA-EMS delivers.

ga.com/ems

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