

ATTENDEE GUIDE

AND EXHIBITOR BROCHURE

Annual DE Science & Technology Symposium

30 March - 2 April



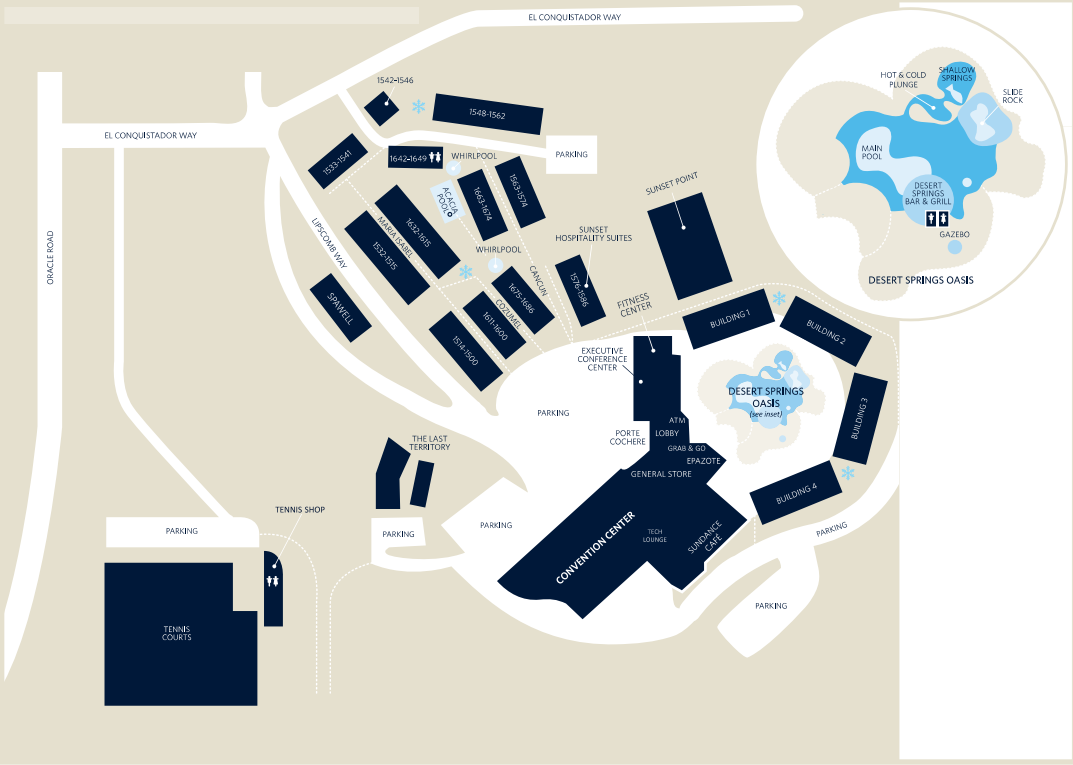
Exhibit Hours

Tuesday	0700 - 1530
Tuesday Reception	1730 - 1930
Wednesday	0700 - 1700
Thursday	0700 - 1600

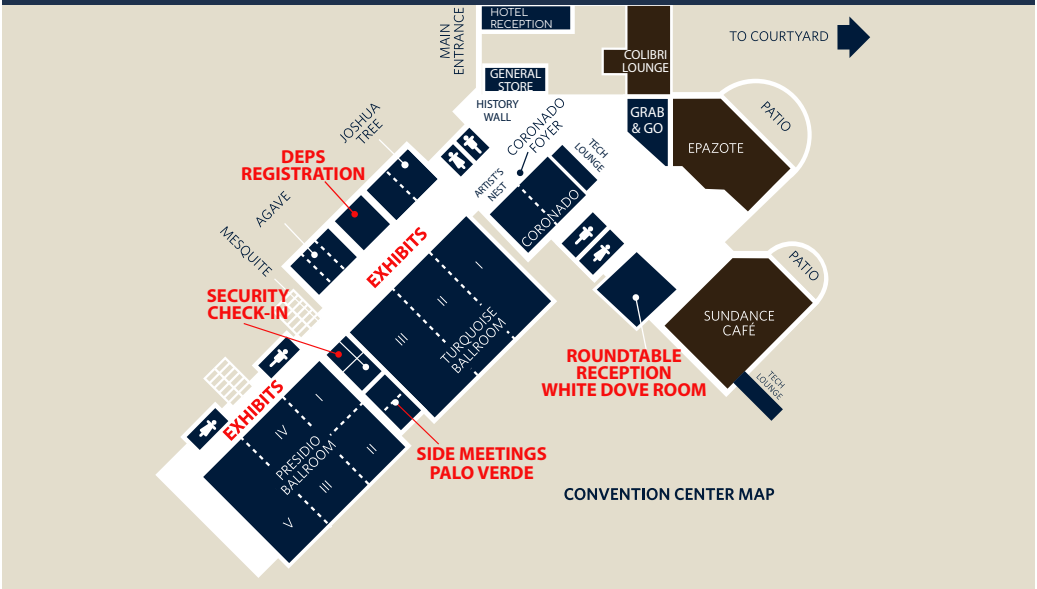
TECHNICAL SESSION OVERVIEW

Room	Tues AM	Tues PM	Wed AM	Wed PM	Thurs AM	Thurs PM
Presidio V	Plenary Session					
Agave I - III		AI and Machine Learning	HPM Technologies I	HPM Technologies II		Beam Control using AI/ML
Presidio V		Beam Control I	Beam Control II	Beam Control III	Beam Control IV	
Turquoise I		HEL Technologies I	HEL Technologies II	HEL Technologies III	Power & Thermal I	Power & Thermal II Neutral Particle Beam
Turquoise II		Atmos Propagation I	Atmos Propagation II	Atmos Propagation III AP for AI/ML	Education Workshop	Education Workshop
Turquoise III		DE Weapons	DE Bioeffects I	Mission Level Modeling - M&S I		Mission Level Modeling - M&S III
Coronado I - II				DE Bioeffects II		
Kyl Institute				HPM Technologies III Mission Level Modeling - M&S II		
Kyl Institute				HEL Technologies IV	HEL Technologies V	

EL CONQUISTADOR RESORT MAP



CONFERENCE AREA - TECHNICAL SESSIONS



CONFERENCE ACTIVITIES & HOSTED EVENTS

MON	0700	Registration at the Hotel - Conference Area Entrance
	0800-1700	Short Courses - Agave & Joshua Tree Rooms
	1730	Welcome Drink Social Hosted by IPG Photonics
TUES	0700	Registration at the Hotel - Conference Area Entrance
	0700	Breakfast Co-Hosted by Power Photonics - Presidio I-IV
	0800	Plenary Session - Presidio V Ballroom
	0930	Break - Exhibitor Area
	1200	Lunch Co-Hosted by Optimax DEPS Membership Meeting & Induction of Fellows
	1500	Break - Exhibitor Area
	1730	Exhibitor Reception Co-Hosted by FiveNine Optics & Poster Session
WED	0700	Registration at the Hotel - Conference Area Entrance
	0700	Breakfast - Presidio I-IV
	1000	Break - Exhibitor Area
	1200	Lunch - Guest Speaker, Mayor Regina Romero
	1500	Break - Exhibitor Area
	1700-1800	Roundtable Reception - White Dove Rm <i>*Invite Only</i>
THURS	0700	Registration at the Hotel - Conference Area Entrance
	0630	Breakfast - Presidio I-IV
	0715	Buses begin to Offsite Location
	1000	Break - Exhibitor Area
	1500	Break - Exhibitor Area
FRI	0745	Tour of University of AZ Labs - Meet in ballroom foyer

Private Side Meeting Rooms

Dedicated breakout rooms are available for attendees who wish to hold private meetings during the event. *Palo Verde 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.

UPCOMING EVENTS



2026	18-21 May	DE Test & Evaluation Joint Conference Albuquerque, NM
	16-19 November	Directed Energy Systems Symposium Monterey, CA
2027	16 - 21 May	Annual DE Science & Technology Symposium Colorado Springs, CO

Thanks to Our Co-Hosts

Welcome Event



Exhibitor Reception



Tuesday Breakfast



Tuesday Lunch



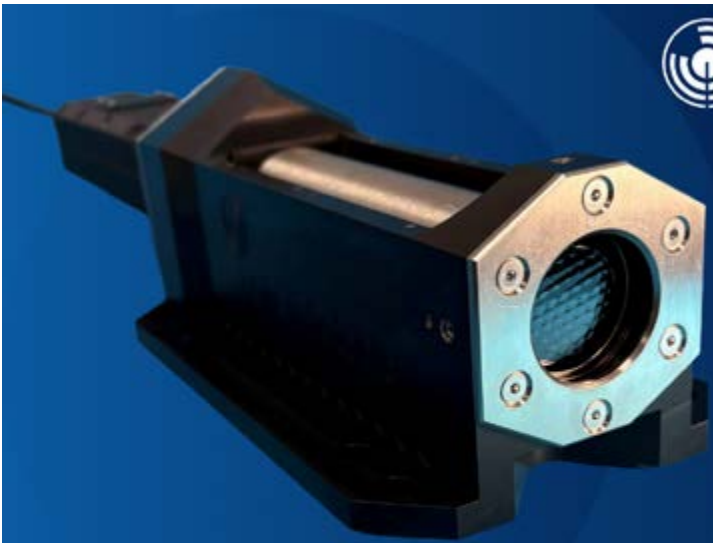
Enjoy a

Hosted by

WELCOME DRINK



30 MARCH | 1700 | Ballroom Foyer



PowerPhotonic
Freeform Optical Solutions

Custom Freeform Optical Solutions
for High Power UV to NIR Applications

Join us for the **EXHIBITOR RECEPTION** Co-Hosted by **FIVENINE optics**

31 MARCH | 1730-1930 | Ballroom Foyer



Interested in getting the latest Directed Energy news delivered straight to your inbox with updates on current events at DEPS?

Subscribe to the WaveFront Email office@deps.org



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

MZA
MZA Associates Corporation

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Albuquerque, NM 87109
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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.

An Employee-Owned Company

Active Optical Systems, LLC

www.aos-llc.com

Active Optical Systems (AOS) is a world leader in adaptive optics, beam control components, and sub-systems. Located in Albuquerque, New Mexico, AOS provides products to defense and aerospace customers, including deformable mirrors, fast steering mirrors, wavefront sensors, HWAS, AO software, and controllers. All our products are manufactured in-house in the US.



Adsantec Inc.

www.aos-llc.com

Manufacturing of space and military grade ASICs of PRBS generators



CRG Defense

<https://crgdefense.com/>

Founded in 1997, CRG Defense is an Ohio-based aerospace and defense firm with 100 dedicated employees. Our 65-acre campus and 200,000 sq. ft. of secure labs, manufacturing, and offices are purpose-built to accelerate defense innovation, from concept to deployment. Key verticals include advanced materials, power & energy, aerospace systems, and applied AI with end-to-end capabilities spanning from early-stage R&D to production, all under one roof.



Exail Defense Systems, Inc.

www.exail.com

Exail empowers photonics engineers all around the world with high-performance, innovative and reliable optical solutions that have proven their relevance for laser, quantum, sensing, or space applications.



Adsys Controls, Inc.

www.AdsysControls.com

Adsys Controls develops beam control components and systems for high energy laser weapons. With years of experience on premier HEL programs, our team has experience from conceptual design through field demonstrations including over 40 kills of dynamic targets. Our directed energy product line includes Fast Steering Mirrors (FSMs), low-SWaP embedded target trackers, Optical Inertial Reference Sensors (OIRUs), threat detection/acquisition/tracking sensors, hardware abort systems, beam directors and full beam control systems.



AFIT, Center for DE

www.afil.edu/cde

AFIT has been at the forefront of DoD-directed research, education, and innovation since the Air Force first envisioned using high energy lasers and high power microwaves as weapon systems. The Center for Directed Energy (CDE) was established as a cross-disciplinary center to conduct sponsored research that would influence the evolution of directed energy. CDE focuses on Research, Education, Innovation, and Collaboration.



FiberBridge Photonics

www.fiberbridge-photonics.com

FiberBridge Photonics is a leading global supplier of high energy laser systems based on Coherent Beam Combining (CBC). With nearly a decade of experience in beam combiners for HELs, we offer proven technology and manufacture best-in-class beam combiner systems. Our flexible in-house photonic production lines enable us to offer our customers tailored solutions. FiberBridge Photonics develops and manufactures according to ISO 9001.



FiveNine Photonics

www.fivenineoptics.com

FiveNine Photonics delivers premium IBS coatings on optics up to 1 meter in size. We work closely with R&D teams and are a trusted partner for high-energy laser (HEL) system developers, offering best-in-class laser-induced damage threshold (LIDT) performance, with and without FOD.



Applied Companies

<https://appliedcompanies.net/>

Applied Companies is an industry leader in custom environmental control systems, thermal management solutions, and pressure vessels for aerospace, commercial, and defense applications. Operating since 1958, we bring over 65 years of experience delivering innovative engineering solutions, meticulous craftsmanship, and disciplined project management. Our dedication to reliability and performance is matched only by our unwavering commitment to exceptional customer satisfaction and first-class product support.



ARKA Space and Defense

www.arka.org

ARKA Group, L.P. is a fully integrated mission partner providing world-leading enabling capabilities with an unrivaled reputation for excellence. We design, manufacture, Integrate, Test and Deliver Optical Assemblies/Sensors and Laser Sub-assemblies to support Laser, EO and IR requirements. ARKA Danbury manufactures, coats, integrates and tests precision optical and laser sub-assemblies, optical sensor systems and components. We support all the DoD Prime Contractors and are deployed with these customers' products on military platforms for all branches of the DoD.



Gentec-EO

www.gentec-eo.com

Gentec-EO is the leader in laser measurement for the most demanding applications. We design and manufacture laser power and energy meters, high-speed joulemeters, THz sensors, beam diagnostics, and custom measurement solutions. We are also the first worldwide supplier of large-aperture calorimeters to measure the highest pulse energies.



Georgia Tech Research Institute

<http://www.gtri.gatech.edu>

The Georgia Tech Research Institute (GTRI) is the nonprofit applied research arm of the Georgia Institute of Technology in Atlanta, Georgia. Employing around 3,000 people, GTRI was involved in nearly \$1 billion in research in fiscal year 2025 for clients in industry and government. GTRI supports all aspects of DE Weapon development and deployment including HEL and HPM systems engineering, M&S, T&E, and DEW policy and guidance. GTRI takes on the biggest applied research problems and turns them into practical solutions for government and industry.



Heraeus Quartz N. America LLC

<https://www.heraeus-covantics.com/>

Heraeus Covantics is a technology leader in the manufacturing and processing of ultra-high purity quartz, fused silica, and advanced materials such as ceramics and composites. With locations in the USA, Europe, and Asia, the company develops and produces semi-finished products, complex components, and customized solutions for demanding high-tech industries. Its materials support applications in telecommunications and data transmission, DE and high-power laser systems, semiconductor manufacturing, and industrial, medical, and advanced optical technologies worldwide.

Heraeus
Covantics

Leonardo Electronics US Inc.

www.leonardo.us

Leonardo Electronics US Inc. leads the way in high-power laser diodes, fiber-coupled amplifiers, and diode laser systems made in the USA. We engineer solutions for cutting-edge defense and commercial applications globally. Our lasers deliver exceptional power in a compact, robust, and scalable design, optimizing SWaP (Size, Weight, and Power), making them ideal for directed energy applications.



Nokomis, Inc.

www.nokomisinc.com

Nokomis is dedicated to the development of advanced capabilities across the DoD that leverage unintended RF emissions through state-of-the-art RF sensors with unparalleled (-170 dBm) sensitivity for device exploitation. This technology provides unrivaled capability for exploiting simple and complex systems for battle damage indicators (BDI) for Directed Energy Weapons, detection, identification, geolocation (DIG), advanced spectrum monitoring, diagnostics, and cyber-physical security.



IPG Photonics

www.ipgphotonics.com

IPG Defense is a division of IPG Photonics, the foremost authority in fiber laser technology, with 35 years of constant innovation, delivering breakthrough laser solutions across every industry. We are now bringing this unparalleled laser expertise to the defense sector with CROSSBOW the first truly field-ready laser defense system engineered to counter the growing UAS threat facing both military and critical infrastructure.



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 WaveTrain wave-optics analysis and system modeling.



NYFORS

www.nyfors.com

NYFORS CO₂ laser based SMARTSPLICER™ system facilitates Coherent and Spectral Beam Combining through the creation of advanced 1D and 2D Fiber Arrays utilizing round and rectangular substrates. The arrays combine Fiber Laser beams of the same or different frequencies into a single beam that is transmitted at very high power. We also offer a full range of specialty fiber processing equipment.



Perkins Precision Developments

<https://www.perkinsprecision.com/>

PPD specializes in custom laser optics such as wedged windows, high energy laser mirrors, epoxy-free high LDT polarizing beam splitter cubes, spherical lenses, right-angle turning prisms and thin film plate polarizers for demanding applications in Directed Energy, Space-qualified Satellite Systems, Quantum Research and Industrial Materials Processing.



Wavecontrol

www.wavecontrol.com

Wavecontrol provides electromagnetic field (EMF) measurement solutions for defense, aerospace, and test environments. Our instruments support RF safety, compliance, and mission-critical operations, delivering accurate, reliable data, including the SMP3 EMF meter and probes covering DC to 90 GHz, as well as WaveMon personal monitors and MoniEM systems for continuous area monitoring.



PowerPhotonic Inc

www.powerphotonic.com

PowerPhotonic are industry leading experts in freeform solutions for optical components and assemblies. Our key capability is taking prototype concepts and offering tailor made designs for the customer. Our laser processed components (made from fused silica) are extremely efficient and can handle high CW or pulsed powers and can be designed to operate anywhere in the UV-VIS-NIR window.



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.





DE Test & Evaluation Joint Conference

18-21 May 2026 Albuquerque, New Mexico



T&E Support to Prototyping and Experimentation

Rapid Development and Deployment of DE Technology

REGISTRATION OPEN | ACCEPTING ABSTRACTS

Custom HEL Optics, Mirrors & Polarizers for Directed Energy, Aerospace & Industrial Applications

PPD provides high LDT components,
epoxy-free optical assemblies and precision
thin-film coatings that are specifically
designed for high power DEW systems.



**PERKINS PRECISION
DEVELOPMENTS**



970-785-2706 ♦ PerkinsPrecision.com

