OPTIC LASER 2027

5TH INNOVATIONS IN

OPTICS, PHOTONICS, AND LASER ENGINEERING

Conference

BERLIN, GERMANY

MAY 17-18, 2027

THEME

"Exploring Next-Generation Photonic and Laser Technologies"

HTTPS://OPTICSLASERSCONFERENCE.COM/

Welcome Message from the Oren Aharon

Dear Colleagues and Friends,

It is a great honor to welcome you to the **5th Innovations in Optics, Photonics, and Laser Engineering Conference**, held on **May 17-18, 2027** at **Berlin, Germany**.

This year's theme, "**Exploring Next-Generation Photonic and Laser Technologies**" reflects the exciting progress of our field—where foundational scientific discoveries continue to drive transformative technologies that influence research, industry, and everyday life. As Conference Chair, I am delighted to help create a platform that encourages collaboration, innovation, and the exchange of pioneering ideas.

Among the many exciting topics we will explore is the integration and entanglement of multiple photonic instruments into unified platforms. This emerging approach has the potential to transform the alignment and coordination of photonic elements by significantly improving precision while reducing setup time and operational complexity. Such advancements are paving the way for intelligent, multifunctional optical systems that combine the capabilities of an entire laboratory into streamlined and highly adaptable platforms.

We are entering a defining era in optics and photonics, where precision engineering, system integration, and interdisciplinary collaboration are more important than ever. I look forward to the insightful discussions, groundbreaking presentations, and meaningful connections that this conference will inspire.
Thank you for being part of this vibrant scientific community. I wish you a productive, engaging, and rewarding conference experience.

Warm regards,
Oren Aharon
Founder & CTO, Duma Optronics
Conference Chair – Optics-Laser 2027

https://opticslasersconference.com/

OPTIC LASER 2027

About Conference

THEME: "Exploring Next-Generation Photonic and Laser Technologies"

The **5th Innovations in Optics, Photonics, and Laser Engineering Conference** (**Optics-Laser 2027**) is an international scientific event dedicated to advancing research and applications in modern optical and laser technologies. Scheduled to take place on **17–18 May, 2027** in **Berlin, Germany**, the conference brings together researchers, engineers, industry experts, and academic professionals working at theforefront of photonics and laser engineering.

Under the central theme “Exploring Next-Generation Photonic and Laser Technologies,” Optics-Laser 2027 aims to highlight emerging break throughs that are shaping the future of light-based science and engineering. The program is expected to feature keynote lectures, technical sessions, panel discussions, and poster presentations covering a wide range of topics, including advanced photonic materials, ultrafast laser systems, optical communication technologies, nanophotonics, quantum optics, biomedical optics, and industrial laser applications.

Why Choose Us

Expert Speakers
Learnfromgloballyrecognized researchers, scientists, and industry professionals in optics, photonics, and laser engineering.

Latest Innovations
Explorecutting-edgeadvancements in laser technology, optical communication, quantum photonics, andemergingresearch areas.

Networking Opportunities
Connectwith academicians,industry leaders, innovators, and students to build valuable collaborations andcareer opportunities.

Research & Career Growth
Present your work,gaininternationalexposure, and discover new opportunities for research partnerships and professional development.

Accelerating Digital Growth Through Intelligent Technology

“Their automation solutions significantly improved our operational speed and reduced manual errors.”

Oren Aharon
Founder & CTO, Duma Optronics, Israel

Reach Us

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OPTIC LASER 2027

Themes and Topics

THEME: "Exploring Next-Generation Photonic and Laser Technologies"

- Silicon Photonics for Next-Generation Computing
- Metasurfaces and Flat Optics
- High-Power Laser Engineering and Industrial Applications
- AI and Machine Learning in Photonics
- Optical Communication Systems and 6G Networks
- Optical Biosensors and Lab-on-Chip Systems
- Nanophotonics and Plasmonics
- THz Photonics and Applications
- Photonic Materials and Emerging 2D Materials
- Holography and 3D Imaging Technologies
- Adaptive and Nonlinear Optics Systems
- Laser–Matter Interaction and Material Processing
- Emerging Trends in Photonic and Biomedical System Integration
- Optical Frequency Combs and Precision Photonics
- AR/VR and Holographic Display Photonics
- Environmental and Climate Photonics
- Quantum Photonics and Quantum Information Processing
- Ultrafast Laser Science and Attosecond Physics
- Photonic Integrated Circuits (PICs) and Packaging
- Nonlinear and Nonclassical Optics
- Biophotonics and Medical Imaging
- Laser Medicine and Therapeutic Applications
- Integrated Optics and Waveguide Technologies
- Optical Metrology and Precision Measurement
- Free-Space Optics and LiDAR Systems
- Optical Computing and Neuromorphic Photonics
- Photonics for Renewable Energy
- Space and Atmospheric Photonics
- Photonic Packaging and Heterogeneous Integration
- Photonic Security and Optical Encryption Systems
- Optical Neural Interfaces and Brain–Photonics Interaction
- Photonics for Defense, Security, and Surveillance Systems

***ALL RELEVANT PAPERS FALL UNDER THE THEME AND SCOPE OF THE CONFERENCE ARE ACCEPTED**

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Meeting Agenda

08:00-09:00	**REGISTRATIONS**	Starts with a registration and with welcome kits and badges provided. .
09:00-09:15	**OPENING CEREMONY**	Officially starts at 9:00 AM with remarks from the organizing committee and keynote introductions.
09:15-10:45	**KEYNOTE SESSIONS**	Held each morning with international experts addressing the latest advances in Optics, Photonics, and Laser Engineering.
10:45-11:05	**COFFEE BREAK**	Scheduled mid-morning for networking and refreshments.
11:05-13:00	**KEYNOTE SESSIONS**	Held each morning with international experts addressing the latest advances in Optics, Photonics, and Laser Engineering.
13:00-13:45	**LUNCH AND NETWORKING**	A lunch break Provided daily with options for all dietary preferences. before the afternoon activities.
13:45-16:00	**SPEAKER SESSIONS**	Concurrent sessions highlighting the latest breakthroughs and innovations in Optics, Photonics, and Laser Engineering.
16:00-16:20	**NETWORKING AND REFRESHMENTS**	Casual gathering over coffee and light snacks , ideal for professional connections.
16:20-18:00	**SPEAKER AND POSTER SESSIONS**	Speaker and Poster Sessions throughout both days, with author Q&A sessions during designated hours.

CLOSING CEREMONY AND PANEL DISCUSSIONS

OPTIC LASER 2027

Sponsorship Opportunities

"Theaims andobjectivesof this unique conference are to bring together researchers in Optics, Laser & Photonics to present and discuss the most recent developments in these fields all over the world" .

Why Sponsor & Exhibit?

- Reach your ideal audience through exclusive sponsorship and exhibition opportunities in optics, photonics, and laser engineering.
- Enhance your brand visibility with high-impact exposure among global researchers, industry experts, and technology leaders.
- Connect directly with key decision-makers, innovators, and professionals driving advancements in optical and laser technologies.
- Showcase innovative solutions, discover emerging products, and maximize your marketing return through strategic industry engagement.

Event Highlights:

- 25+ Engaging Scientific & Technical Sessions
- 5+ Hands-on Workshops & Training Programs
- 30+ Hours of High-Value Networking Opportunities
- 15+ Distinguished Keynote Speakers
- Balanced Participation from Industry & Academia (50:50)
- 50+ Renowned Speakers & Research Experts
- Exclusive B2B Networking & Collaboration Meetings
- World-Class Technology Exhibitions & Innovation Showcases

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About SCHOLARS CONFERENCEs

"AcceleratingtheCutting-EdgeScientificResearchinto Success by Bringing People Together"

Who We Are

Scholars Conferences is a global leader in Conferences, Meetings, Workshops, Symposia and, Webinars in all major fields of Pharma, Medicine, Health Care, Science and Technology.

Scholars Conferences endevours to disseminate the scientific knowledge and research through its Scientific Conferences and Meetings.

Scholars Conferences is currently organizing International Conferences, Meetings, Workshops, Symposia and, Webinars with a main theme of "Accelerating the Cutting-Edge Scientific Research into Success by Bringing People Together".

OUR AIM

We focus on bringing a much-needed level of efficiency and quality standards in the way we service our clients, thus building lasting partnerships-based quality, innovation, and commitment to abide by our deeply rooted core values.

OUR VISION

We are a truly professional group of individuals, striving hard to maintain and improve the quality of execution of our services. Our people constituting our team are our key assets.

OUR MISSION

Lambda Research Group strives to become internationally renowned for providing meetings of outstanding scientific quality, bringing together smaller interest groups to create informal and workshop style interactions, bridging a gap in the scientific conference community.

WHY CHOOSE US?

Why does a Scholars Conferences stand out from other scientific meetings? Our meetings attract an exclusive number of audience who have a narrow concentration within a specialized field. We create a platform for informal, workshop style forums delivering a more intense scientific experience unlike other larger style conferences.

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UNIQUE FEATURES SCHOLARS CONFERENCES

"AcceleratingtheCutting-EdgeScientificResearchintoSuccess by Bringing People Together"

Pursue Innovations

01

We work on pursuing the spread of new knowledgetothe students researchers, Scientists, academicians, research laboratories by sharing a common platform. This willfacilitate the technological advancements that transform theglobe.

Real Networking

02

Focus on professional aspect of networking whichwillfurther boosts the professional confidence, leads to the exchangeof ideas, helps you meet people at all professional levels, exchange of ideas. This will nurture and create morevisibility for different fields of budding researchers in theircareerpath.

Explore the Knowledge

03

Present, share an explorethe knowledge and/orcompletely different areas of study. We provide ways to discusswiththenew faces one to one about their research they areworkingonwhich will further enhance on their own work. Presentingmakesthe presenter more confident and new perspectivestowardsthe project in new doorways.

Transform the Science

04

Discussing on latest research with worldwide speakersand delegates from various fields will bring the mostgradual and progressive developments in transforming thescience in the field of medical, clinical, pharma and engineering.

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GLIMPSES OF Previous OPTICS-LASER Conferences

OPTIC LASER 2027

Help Desk

"Accelerating the Cutting-Edge Scientific Research into Success by Bringing People Together"

CALENDAR MARKS

- First Round of Abstract Submission: October 26, 2026
- Second Round of Abstract Submission: November 24, 2026
- Final Phase of Abstract Submission: April 30, 2027
- Early Bird/Standard Registration: October 31, 2026
- Mid-Term Registration: November 30, 2026
- On-spot Registration: May 18, 2027

VENUE

Berlin, Germany

MEET OUR TEAM

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