



OVC
EXPO
2026

LIGHT LINKS WORLD



WISDOM LEADS FUTURE

The 21st Optics Valley of China International Optoelectronic Exposition

May 18-20, 2026

China Optics Valley Convention & Exhibition Center
Wuhan, China



www.ovcexpo.com.cn/english

Pre-register



30,000 m²
Exhibition Area



400
Exhibitors



600
Business
Matchmaking
Sessions



30,000
Trade Visitors



1,000
Overseas
Visitors



22
High-level
Conferences

*Expected scale of the 2026 OVC Expo

As the global optoelectronic information industry enters a new phase driven by cross-disciplinary integration, the Chinese optoelectronic sector is demonstrating distinct trends: intensified market competition, increasing market saturation, accelerated R&D progress, continuous application innovation, and steady global expansion. Against this backdrop, the **20th Optics Valley of China International Optoelectronic Exposition (OVC Expo)** was successfully held on **May 17, 2025**, at the **China Optics Valley Convention & Exhibition Center**. Founded in 2002, the OVC Expo has long served as a critical bridge linking R&D, manufacturing, and downstream applications, with a strong focus on the central and western regions of China. The 2025 OVC Expo hosted **390** exhibitors from **12** countries and regions across a **25,000** sqm exhibition area, drawing a total of **27,230** trade visitors for exploration and procurement. This fully underscores the event's core value as a premier business platform for the optoelectronic industry.

Scheduled to take place from **May 18 to 20, 2026**, the **21st OVC Expo** is undergoing a major strategic upgrade, fueled by a formal strategic partnership and in-depth integration with RXGC—one of the world's largest event organizers. Leveraging its extensive global resource network and profound industry expertise, RX China will participate in the entire operational cycle of the expo. This partnership aims to attract a larger influx of high-quality domestic and international buyers from sectors including electronics manufacturing, semiconductors, automotive, and biomedicine, thereby significantly elevating the expo's international standing in the industry and expanding its reach across the global market.

The 2026 edition will highlight cutting-edge technologies, innovative applications, and emerging business models in the optoelectronic sector. A key objective is to drive the in-depth integration of optoelectronics with various industries in central and western China, particularly automotive engineering, optical displays, compound semiconductors, biomedicine, and advanced manufacturing, accelerating the global market expansion of Chinese enterprises.

- Shipbuilding/Aviation/Aerospace
- Optical Communication/Mobile Communication
- Broad-Based Semiconductor Processing and Manufacturing
- Home Appliances/Consumer

Target
Visitors

- Automotive/New Energy
- Advanced Manufacturing/Metalworking
- Optics/Precision Processing
- Biomedical
- Research Institutes and Universities

Exhibition Profile

Laser Technologies and Applications

Laser Materials, Components, Lasers, Complete Sets of Laser Equipment, Precision Control Systems for Laser Processing, Additive Manufacturing, LiDAR, Sensing Technologies

				
				
				

Optical Communications and All-Optical Networks

Optical Chips, Optical Modules, Active Components, Passive Components, Optical Fibers and Cables, Optical Communication Test Instruments, Supporting Processing Systems for Optical Communication

				
				
				

Optics and Precision Optics

Optical Materials, Optical Components, Lenses and Machine Vision, Optical Inspection and Measurement, Optical Precision Positioning and Motion Control, Optical Processing and Manufacturing, Infrared Imaging

				
				
				

Optoelectronic Integration and Innovation Applications

Optoelectronic Integration, Light-Vehicle Synergy, Compound Semiconductors, Integrated Photonic Chips, Electronic Technology, Quantum Optoelectronic Devices and Materials, Quantum Communication Optical Modules, Quantum Sensing and Measurement Systems

				
				
				

* Listed in no particular order





Concurrent Events

Wuhan Optoelectronics Expo will host over 20 authoritative industry conferences, including the AI Photonics Technology Symposium, Laser Industry Conference, Silicon Photonics Industry Summit, “Optics Valley Qingtonghui Ultra” Automotive Optoelectronics Industry Conference, Optical Chip Packaging & Testing Symposium, and Optics Valley Technical Walk. The events will bring together more than 20 globally renowned leaders and nearly 300 industry experts to share the latest technological achievements, hottest industry trends, and cutting-edge insights, offering new directions for industry development.

International Conferences

- Progress in Laser and Optoelectronics Academic Conference
- The 5th AI Photonics (AIPhotonics) Technology Symposium
- The 19th “China Optics Valley” International Laser Industry Summit

Industry Conferences

- FSG-A Industry Summit & ONA Annual Ceremony
- 2026 China Top 10 Optical Industry Technology Award Ceremony & Industrial Innovation Conference
- 2026 China Top 10 Optical Industry Technology Award Ceremony & Industrial Innovation Conference — Sub-venue 1
- Huazhong University of Science and Technology Optoelectronics Industry Alumni Conference
- New Horizons in Photoelectric Foreign Trade: A Complete Guide to Starting Cross-Border Operations from Scratch
- Distributed Fiber Optic Sensing Industry Matchmaking Meeting

Academic Conferences

- 2026 Micro-Nano Optoelectronics Summit
- 2026 China Optics Valley · Optoelectronics Undergraduate & Optoelectronics Graduate Student Summit
- The 4th “Advanced Lithography Technology” Symposium
- The 1st “Advanced Optoelectronic Materials and Device Integration Technology” Symposium
- The 1st “Advanced Imaging” Symposium
- The 1st “Laser Precision Manufacturing” Symposium
- The 1st “Optoelectronic Detection and Communication Technology” Symposium
- International Optical Communication Technology and Industry Seminar

*Conference arrangements are subject to on-site information.





Pre-register to Unlock 5 Exclusive Benefits

Scan Now

Get the latest show updates in advance.



Fast-Track Entry

Skip the queues with a direct scan for efficient exhibition navigation.

Pre-registration

Priority access to exhibitor directory, debut products, conference/event schedules, and more.

Priority Forum Reservation

Reserve seats for over 20 high-level conferences and meet face-to-face with academicians and experts.

Precision Business Matching

Submit sourcing requests to receive tailored supplier recommendations and one-on-one meeting invitations.

VIP Exclusive Benefits

Claim limited-edition souvenirs, join closed-door networking events, and explore partnership opportunities in the Optics Valley.

Why Visit?

1 Experience a Premier Industry Event in “China Optics Valley”

Renowned globally in the optoelectronics industry, “China Optics Valley” hosts this expo — a vivid reflection of the high-quality development of the national optoelectronics sector. Visitors can explore cutting-edge domestic and international research achievements, industry applications, and uncover collaboration opportunities.

2 Discover Innovations Across the Optoelectronics Frontier

As one of China’s most influential optoelectronics exhibitions, the event gathers nearly 400 global companies showcasing innovations in laser equipment, optics, optical communications, intelligent manufacturing, and more — presenting key industry trends and core resources.

3 Connect with Global Experts and Industry Leaders

The concurrent academic and business programs are among the best in China. Over 20 high-level conferences bring together more than 300 academicians, experts, and industry leaders to discuss laser technology, ultrafast lasers, optical chips, industrial internet, and other frontier fields — offering deep insights into innovation pathways, R&D directions, and industrial upgrades.

4 Targeted Events for In-Depth Dialogue

Through specialized conferences, supply-demand matching sessions, and focused seminars, the expo precisely connects participants from diverse backgrounds and expertise levels, creating high-value networking scenarios and fostering practical cooperation.



Wuhan Optics Valley:

China's "Optics-Chip-Computing" Hard-Tech Hub

Join Us at OVC Expo, Where Global Innovation Meets

Heart of the Global Optoelectronics Industry

- Industry Scale: Optoelectronics industry output exceeds 650 billion yuan, home to over 16,000 enterprises.
- Global Standing: The world's largest production base for optical fiber and cables. More than 1 in 4 optical fibers globally are made in Wuhan.

Leading Companies & Key Figures

- Yangtze Optical Fiber and Cable (YOFC): World No.1 in fiber drawing capacity, reaching 140 million core-km/year; market cap exceeds 170 billion yuan.
- Huagong Tech: Global leader in laser equipment; market cap surpasses 110 billion yuan.
- Accelink Technologies: Among the global top tier in optical communication devices; market cap over 60 billion yuan.
- FiberHome Technologies: Core player in optical communications; market cap approaching 60 billion yuan.
- YMTC (Yangtze Memory Technologies): Pioneer of the unique Xtacking architecture, breaking through high-end memory chip barriers; estimated valuation of 160-300 billion yuan, poised to become one of China's largest tech IPOs in recent years.

Unique Strength: A Full "Optics-Chip-Computing" Industrial Chain

- Optical Transmission: YOFC, FiberHome, and others form the global heart of the optical fiber and cable industry.
- Memory Chips: YMTC secures the data "granary" with world-class memory technology.
- Computing Power: Yangtze Computing, Wuhan AI Computing Center, and Wuhan Supercomputing Center form a national-level computing hub.

China's "Silicon Valley" Ecosystem

- Backed by 89 universities and colleges and the Wuhan National Laboratory for Optoelectronics, creating a unique "industry-academia-research" synergy. Step out of the campus and into the industrial park, where innovation travels seamlessly from lab to market.

| Booth Reservation |

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