



CHINA INTERNATIONAL
OPTOELECTRONIC EXPO

CIOE 2026

THE 27TH CHINA INTERNATIONAL OPTOELECTRONIC EXPO

September 9-11, 2026

Shenzhen World Exhibition & Convention Center

260,000M² Exhibition Area
150,000+ Visitors
4,000+ Exhibitors

8 EVENTS



INFORMATION AND
COMMUNICATION
EXPO



PRECISION OPTICS EXPO
& CAMERA EXPO



INTELLIGENT
SENSING
EXPO



DISPLAY
TECHNOLOGY
EXPO



INFRARED
APPLICATIONS
EXPO



LASERS TECHNOLOGY &
INTELLIGENT MANUFACTURING
EXPO



PHOTONICS
INNOVATION
EXPO



AR & VR
EXPO

Colocated with



IICIE

INTERNATIONAL
INTEGRATED CIRCUIT
INNOVATION EXPO

elexcon



CIOE 2026 AT A GLANCE



BOOTH APPLICATION

#CIOE2026     

CIOE 2026 (the 27th China International Optoelectronic Exposition) will be held from September 9 to 11, 2026 at the Shenzhen World Exhibition and Convention Center. As a comprehensive exhibition covering the entire optoelectronic industrial chain, CIOE will gather more than 4,000 high-quality exhibitors from over 30 countries and regions around the world. Its 8 themed exhibitions cover information and communication, precision optics, camera technology and applications, laser and intelligent manufacturing, infrared, intelligent sensing, display, AR&VR, and photonics innovation. It serves as a one-stop sourcing platform for materials, components, equipment and solutions needed in R&D and manufacturing, as well as a trade platform for branding exposure, business development, and grasping the latest trends of industry development.

INFORMATION AND COMMUNICATION EXPO

- Optical Communication Chip
- Optical Component
- Optical Communication Device
- Optical Communication Module
- Optical Communication Transmission Equipment
- Optical Communication Data Center Equipment
- Broadcasting Communication Equipment
- Wireless Communication
- Optical Fiber Material
- Optical Fiber & Cable / Optical Fiber Sensing
- Wiring Product
- Wire and Cable
- Wire and Cable Manufacturing Equipment
- Instrument
- Semiconductor Material
- Semiconductor Equipment and Manufacturing



PRECISION OPTICS EXPO & CAMERA EXPO

- Optical Material
- Optical Component
- Optical Lens
- Camera Module
- Camera
- Machine Vision and Industrial Application
- Telescope and Astronomical Equipment
- Optical Measurement Instrument
- Optical Coating Material
- Optical Coating Component
- Optical Coating Equipment
- Optical Processing Equipment
- Camera Production Equipment
- Sapphire Manufacturing and Application



LASERS TECHNOLOGY & INTELLIGENT MANUFACTURING EXPO

- Laser Material and Component
- Lasers
- Laser Component and Auxiliary System
- Laser Equipment
- Mechanical System and Numerical Control System
- 3D Printing / Additive Manufacturing
- 3C Electronic Intelligent Equipment
- Robot and Industrial Automation
- Testing and Measuring



INFRARED APPLICATIONS EXPO

- Infrared Material
- Infrared Chip
- Infrared Module
- Infrared Imaging and Application
- Night Vision and Imaging Detection
- THz Monitoring and Imaging
- Ultraviolet Technology and Application
- Millimeter-Wave Technology and Application
- Inspection System and Equipment
- Software and Algorithm



INTELLIGENT SENSING EXPO

- Sensor Chip and Material
- 3D Sensing
- 3D Imaging
- LiDAR
- Intelligent Sensor
- MEMS and MEMS Sensor
- Biometric Identification
- Quantum Sensing
- Spectral Sensing
- Industrial Sensor
- Software and Algorithm
- Measurement and Detection System



PHOTONICS INNOVATION EXPO

- Scientific Research Institution
- College and University
- Incubator
- Professional Proficient Special New Enterprise
- High-tech Enterprise
- Quantum



DISPLAY TECHNOLOGY EXPO

- Display Material
- Display Module
- Display Panel
- Display Manufacturing Equipment
- Terminal Display Product

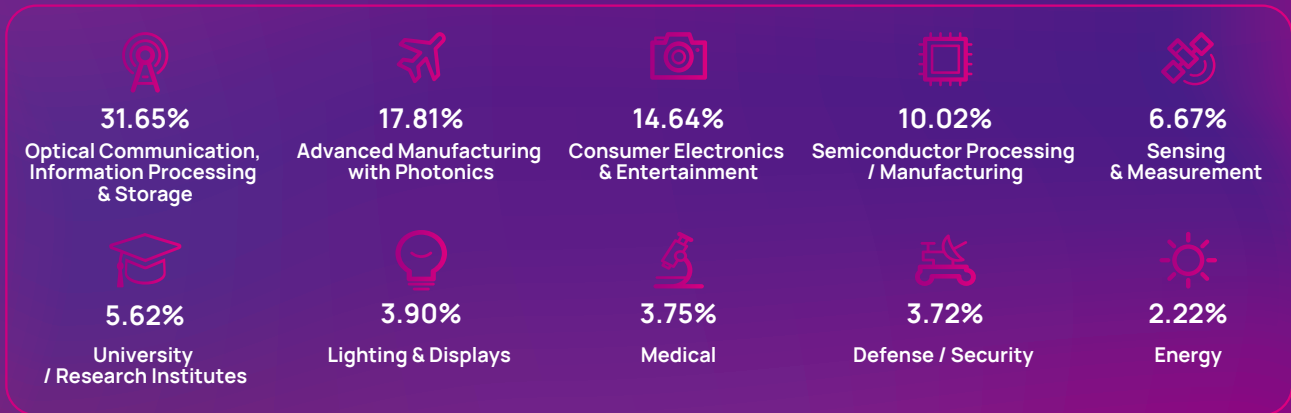


AR & VR EXPO

- Optical Waveguide Component
- Display Module
- Diffraction Grating
- Motion Capture Device
- Sound Perception Device
- Imaging System
- Software and Algorithm
- All-in-one Machine
- VR+Application Scenario



Visitor Breakdown by 10 Application Fields



Optical Communication, Information Processing & Storage

Optical Communication Chip	19.72%
Optical Module	19.50%
Optical Device	17.90%
Optical Fiber/ Cable	12.06%
Communication Equipment	11.35%
Internet and Data Center	8.54%
Telecom Operator	5.51%
Optical Subassembly	4.48%
Others	0.95%

Advanced Manufacturing with Photonics

Optical Component	13.59%
Lens & Module	12.52%
Optical Material	11.88%
Optical Equipment	10.98%
Mechanical and Numerical Equipment	9.27%
Laser Processing Equipment	8.86%
Lasers	7.55%
Industrial Robot	6.20%
Machine Vision	5.95%
Automotive OEM	5.69%
Marine / Aviation	3.22%
Hardware Mold	1.92%
3D Printing	1.54%
Others	0.84%

Semiconductor Processing / Manufacturing

Semiconductor Equipment	35.57%
Semiconductor Material	27.96%
Fabless	13.73%
Packaging and Testing	10.91%
Foundry	10.44%
Others	1.38%

Consumer Electronics & Entertainment

Cell Phone	19.85%
AR/VR	16.92%
Smart Home	12.81%
Wearable Electronics	12.16%
Intelligent Automotive	11.75%
Service Robot	10.31%
Drone	7.19%
Tablet / Computer / Camera	5.17%
Intelligent Payment Device	2.40%
Others	1.44%

University / Research Institutes

University	47.73%
Research Institute	36.08%
Laboratory	14.66%
Others	1.52%

Sensing & Measurement

Intelligent Sensor	41.38%
Testing and Measuring Equipment	34.01%
Inspection Instrument	22.59%
Others	2.01%

Defense / Security

Security Product	28.13%
Infrared Product	22.27%
Surveillance Product	21.85%
Security System and Integration	18.35%
Fire Fighting / Police	7.51%
Others	1.89%

Lighting & Displays

Display Panel	29.19%
Display Module	20.32%
Display Material and Component	17.98%
Display Manufacturing Equipment	16.55%
Lighting	13.29%
Others	2.67%

Medical

Medical Therapy Equipment	26.18%
Medical Endoscope	23.22%
Medical Beauty Equipment	14.47%
In Vitro Diagnostic Device	14.44%
AI Medical Enterprise	10.66%
Home Medical Device	9.61%
Others	1.41%

Energy

Power Battery	32.08%
Solar Energy	20.37%
Power Network	19.89%
Petroleum and Petrochemical	15.87%
Coal Industry	6.56%
Ocean	4.01%
Others	1.22%

Exhibitor Analysis

2,378

Overseas Brands

670

from 33 Countries and Regions

Overseas Exhibitors

7

National & Regional Pavilions

from USA, Canada, Japan, South Korea, Germany, Denmark, Switzerland

Visitor Analysis

6,108

Overseas Visitors
from 97 Countries and Regions

97.86%

will be visiting CIOE 2026

98.12%

will recommend CIOE to industrial colleagues and peers

Featured Visitor Countries



USA



South Korea



Japan



India



Germany



Singapore



Malaysia



Bangladesh



Indonesia



Thailand

Key Visiting Company

Information and Communications

CHINA MOBILE, CHINA TELECOM, CHINA UNICOM, CHINA TOWER, HUAWEI, ZTE, NOKIA BELL, FIBERHOME, CIENA, CISCO, AMAZON, IBM, BYTEDANCE, TENCENT, BAIDU, ALIBABA, JD, MEITUAN, KUAISHOU, VIP.COM, DIDI, AOFEI DATA, IEIT SYSTEMS...

APPLE, SONY, OPPO, VIVO, NOKIA, GOPRO, META, HUAWEI, XIAOMI, IFLYTEK, TRANSSION, ROKID, LENOVO, MIDEA, GREE, HAIER, KONKA, HUAQIN, LONGCHEE...

Consumer Electronics

Automotive

NIO, XPENG, BYD, LI AUTO, LEAPMOTOR, ZEEKR, GEELY, CHANGAN AUTO, XIAOMI, PONY AI, VALEO, HYUNDAI MOBIS, ROAD ROVER, DENSO...

Unitree, UBTECH, ECOVACS, DJI, Roborock, LEJU ROBOT, ORIONSTAR, NARWAL, Dreame, BeatBot, AIPER, JAKA, PICEA, Anker, Gaussian Robotics...

Robot

Advanced Manufacturing

HUAWEI, FOXCONN, BYD, HUAWEI, GREE, LUXSHARE, DSBJ, FLEX, WINGTECH, SIEMENS, HEXAGON, OMRON, DESAY SV, SEKONIX, GOERTEK, SANMINA...

INTEL, ONSEMI, SONY, SAMSUNG, QUALCOMM, NVIDIA, SK HYNIX, TEXAS INSTRUMENTS, HISILICON, STMICROELECTRONICS, UNISOC, OMNIVISION, GOODIX, TSMC, SMIC, CR MICRO...

Semiconductor

Security

ZKTECO, DIGITAL CHINA, HUAXUN, SUNELL, T-SUNTECH, RAYSHARP, TVT, SHENZHEN AIRPORT, SHENZHEN METRO...

Samsung, TCL CSOT, TIANMA, Visionox, Skyworth, BOE, ams OSRAM, Hisense, CTC, NVC, HKC, FSL, OLIGHT...

Lighting & Displays

Medical

MINDRAY, SONOSCAPE, SHENDA ENDOSCOPE, DIRUI, WONDFO, BGI, MENOVEX, INNERMED, SIEMENS, MOPTIM, SEESHEEN, PENINSULA, GENEMIND, RWD, PUSEN, NOVELBEAM...

CHINA SOUTHERN POWER GRID, CATL, FINDREAMS BATTERY, SUNWODA, CP POWER, CGN, LONGI, JINKO SOLAR, NARI, CHINACOAL, KSTAR...

Energy

Scientific Institutes / Universities

CIOMP CAS, XIOPM CAS, IOE CAS, SIOM CAS, AIOFM CAS, SITP CAS, PENG CHENG LABORATORY, JHL, SHENZHEN INTERNATIONAL QUANTUM ACADEMY, CAEP, SIAT CAS, ZJU, SHENZHEN UNIVERSITY, POLYU, PKU, HIT, SOUTH CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY...

*The above is a partial list of companies in no particular order.

Concurrent Conference

Industry Forum

CIOE industry forums focus on core technologies in the segmented optoelectronic fields, gathering industry experts, scholars and representatives from leading enterprises. It covers five major themes: **information and communication, precision optics, laser, infrared, and quantum** to conduct in-depth professional discussions around technological development, system solutions, and industrialization processes.

2026 Tentative Topics

Information and Communication Industry Forums

- Evolution of Optical Network Technology in the AI Era
- Development Trends of Next-generation 10G PON Optical Access Technology
- Cutting-edge Technology Development of Optical Interconnection in Intelligent Computing Centers
- Optoelectronic Integration Technology and Industrial Development
- Innovative Application of Automotive Optical Communication Technology

Laser Industry Forums

- Laser Micro-nano Processing Empowering Semiconductor Manufacturing
- Innovative Application of Laser Welding Empowering Intelligent Manufacturing
- International Laser Processing Conference (LPC)
- Development of Optoelectronic Medical/Medical Cosmetology

Session 1: Optoelectronic Medical

Session 2: Optoelectronic Medical Cosmetology

Optics Industry Forums

- New Opportunities of "AI + Computational Optical Imaging"
- Optical Semiconductor Inspection Technology Forum
- Nanoimprint Manufacturing Technology Forum
- Ultra-precision Micro/nano Optical Manufacturing Technology Forum
- Medical Imaging Technology Forum
- CIOE Optics Vacuum Coating Conference
- Precision Optical Molding Aspheric Surface Processing Conference

Infrared Industry Forums

- Innovative Development of Core Infrared Materials and Devices
- Intelligent Detection and Predictive Maintenance under Industry 4.0

Session 1: Petroleum Application Special Session

Session 2: Chemical Industry Application Special Session

International Quantum Technology Scientific Frontier Forum

- Quantum Communication, Quantum Computing, Quantum Measurement

International + Academic Conference

- **International Forums:** CIOE co-hosts with the well-known consulting corporation Yole Group for market analysis, looking into the photonics development of global market and forecasting the future trends. Besides, CIOE will jointly collaborate with international institutions such as ePIXfab, and EPIC to discuss latest innovative photonics technologies and breakthroughs.
- **Optoelectronics Global Conference (OGC):** As the first global optoelectronic academic conference directly affiliated with the IEEE in Asia. It focuses on the research directions such as optics, optical communication, lasers, infrared, and optical fiber sensing, etc.

Optoelectronic + Application Forum

To explore the application and solutions of optoelectronic technology in emerging fields, the forums gather representatives from leading optoelectronic enterprises, system integrators and terminal enterprises to discuss the industry frontier. The topics cover **automotive, consumer electronics, robot, intelligent sensing, AR&VR, display, security, medical**, etc., to reach professional audiences in the entire application field.

Networking Events and Activities

Business Matchmaking

CIOE collects buyers' procurement demand and provides one-to-one business matchmaking by recommending matchable exhibitor and product list. Furthermore, CIOE pre-schedules the 1-on-1 meetings for on-site business negotiations and offers exhibitor/product search service to facilitate efficient procurement connections.



Gala Dinner

The Gala Dinner gathers the elites from the optoelectronic industry, representatives from research institutions, and leaders of innovative enterprises worldwide to seek cooperation opportunities, building a bridge across borders and wisdom for the optoelectronic industry.

Happy Hour

The invited buyers and exhibitor representatives gather onsite, engaging in free-flowing conversations about industry trends, exploring collaboration opportunities, and sharing business insights in a relaxed and pleasant atmosphere. It provides exceptional networking opportunities for fostering valuable industry connections.



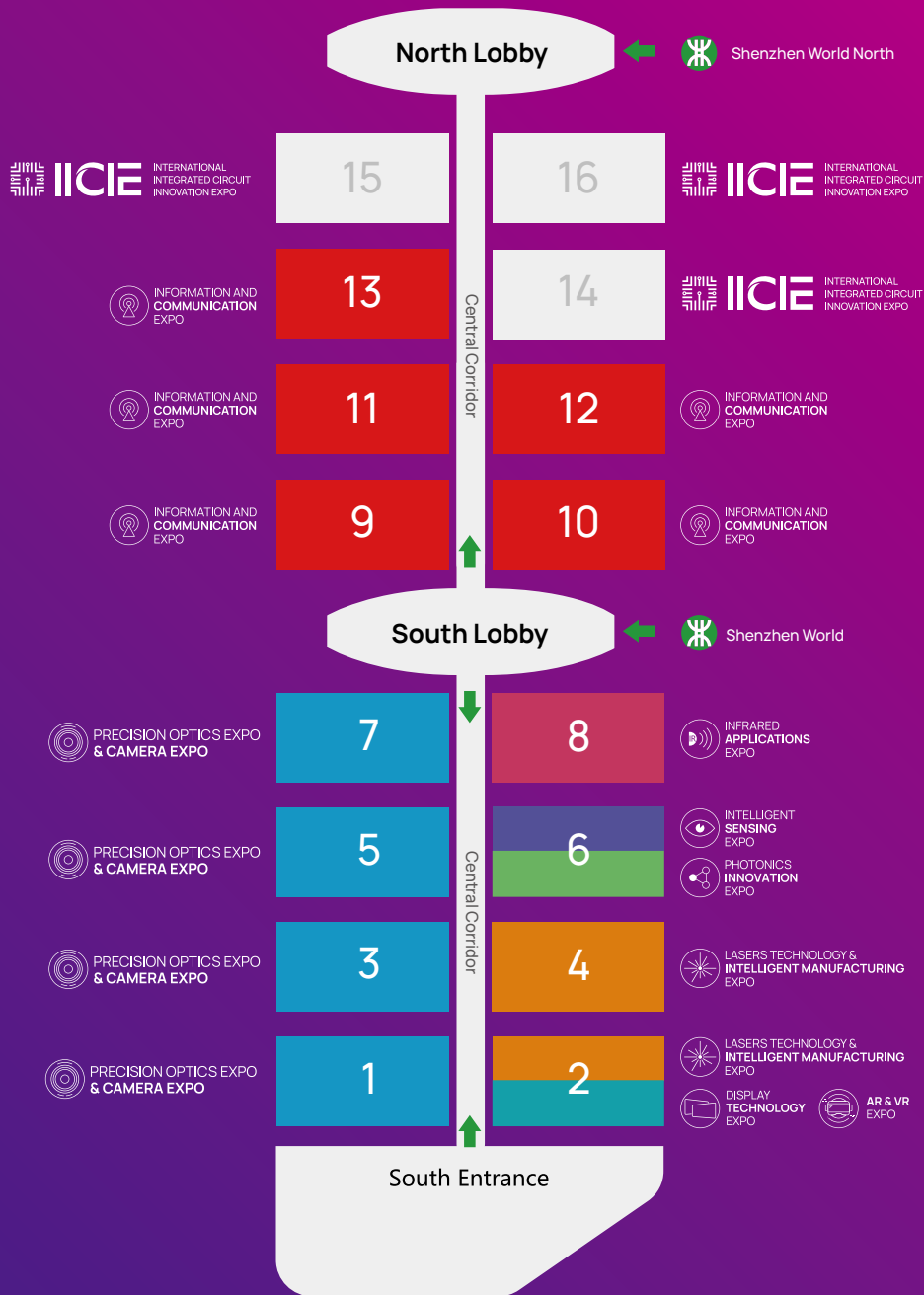
Factory Tour

CIOE and industry enterprises jointly organize the Factory Tour during the exhibition period, attracting the participation of domestic and overseas enterprises and enabling them to experience the advanced equipment and technological strength of the factories.



THE 27TH CHINA INTERNATIONAL OPTOELECTRONIC EXPOSITION (CIOE 2026)

FLOOR PLAN



CONTACT US

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CIOE E-Newsletter

#CIOE2026