

SEPTEMBER 6-9, 2017 SHENZHEN, CHINA



OPTICAL COMMUNICATIONS





APPLICATIONS EXPO



PRECISION OPTICS, LENS & CAMERA MODULE EXPO



SEMICONDUCTOR







POST SHOW REPORT

CISE
CHINA INTERNATIONAL
OPTOELECTRONIC
EXPO



110,000_{M²}

57.348

Visitors

FROM 67 COUNTRIES AND REGIONS, 13% INCREASE COMPARED TO LAST YEAR

Exhibition Area

PRESENTING THE ENTIRE OPTOELECTRONIC ECOSYSTEM

5,055Optoelectronic Brands

15% INCREASE
COMPARED TO LAST YEAR

1,668Exhibitors

FROM 34 COUNTRIES AND REGIONS, 6% INCREASE FROM LAST YEAR

111,940 (Attendance Figures)

CIOE 2017 Figures at a Glance

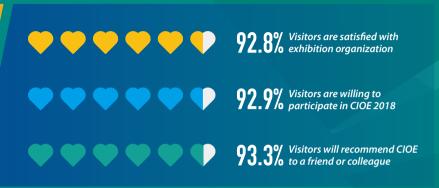






10323 Oversea Visitors from 67 Countries and Regions

VISITOR GROWTH 13%



Oversea Visitors Breakdown by Region



Visitor Breakdown by Job Function

22.8%	Management
21.0%	R&D
19.2%	Purchasing / Supply Chain Management
13.9%	Sales
9.9%	Marketing
7.8%	Manufacturing / Processing
3.9%	Quality Management
1.5%	Others



Areas of Interest for Visitors



Optical Communications Expo

25.9%	
21.0%	
15.6%	
10 .9%	
10.8%	
<mark>7</mark> .6%	
6.6% Mobil	lle Internet and Communications Equipment, Cloud Computing ar e Applications, Intelligent Terminal Power Source and the Solution
1.8%	

Lasers Technology & Intelligent Manufacturing Expo

23.8%

21.1% 3.9%

Infrared Applications Expo

19.5%	
16.1%	
15.5%	
13.2%	
12.4%	
12.3%	Machine Vis
10.0%	Opti
1.1%	

Precision Optics, Lens & Camera Module Expo

19.5%	Optical Components
16.1%	Optical Materials
15.5%	Optical Instruments
13.2%	Optical Processing Equipment
12.4%	Optical Lens and Assembly
12.3%	Machine Vision and Optical Imaging Measurement
10.0%	Optical Coating Technology and Equipment
1.1%	Others

Photonics Innovation Pavilion & Civil-Military Integration

14.5%	Optoelectronic Display and Module
12.5%	Sensor System and Testing Equipment
10.3%	Integrated Circle and Integrated Photonics
<mark>9</mark> .3%	Photonics Manufacturing
<mark>9</mark> .2%	Emerging Display, Optoelectronic Display and Module
8.1%	Robots/Artificial Intelligence
6.7%	Integrated Components and Sensing R & D
6.5%	Healthcare Photonics
6.4%	Internet of Thing, Big Data and Cloud Computing
5.8%	Biophotonics
5.4%	Medical Imaging
3.6%	Smart Healthcare and Endowment
1.7%	Others

LED and Semiconductor Expo



UBM

China Sapphire Technology & Touch Screen Expo

15.0%	Sapphire Materials
13.0%	Sapphire Processing and Surface Finishing Equipment
12 .5%	Touch Screen Device and Module
12 .3%	Touch Screen Materials & Equipment
10 .7%	Touch Screen Manufacturing
9.4%	Sapphire Growth Equipment
8.9%	Emerging Display (OLED, Graphene, Hologram, etc.)
8.4%	AR/VR, Wearable Device
7 .3%	Biophotonics Intelligent Recognition and Solution
2.5%	Others

Visitor Feedback and Visitor Analysis



Optical Communications Expo

35.03%	Optical Communications Equipment Manufacturers/System Supplier
12.03%	Telecom Operator
10.81%	Distributor/Exporter / Agent
9.01%	Consumer Electronics
8.47%	Telecom Project Contractor
8.28%	Data Communications (Data Center/Could Computing/Big Data, etc.)
5.68%	Academia/Researching Laboratory/Institution
4.15%	Aviation/Aerospace/Military/Energy (Electricity/Petroleum)
3.11%	Others
2.32%	Industrial Media/ Associations/Chamber of Commerce
1.11%	Governmental Purchasing Department

Precision Optics, Lens & Camera Module Expo

17.52%	Optical Processing (Precision/ Elaboration/Micro Processing)
16.08%	Optical Equipment Manufacturer/System Supplier
15.64%	Consumer Electronics
10.42%	Industrial Automation/Instruments and Apparatus
8.03%	Auto Electronics
7.64%	Security
6.46%	Medical /Biotechnology
5.06%	Distributor/Exporter/Agent
4.76%	Academia/Researching Laboratory/Institution
3.98%	Aviation/Aerospace/Shipbuilding/Military
1.70%	Industrial Media/ Associations/Chamber of Commerce
1.70%	Others
0.73%	Governmental Purchasing Department

Infrared Applications Expo

15.24%	Security/Fire-protection/Monitoring
12.53%	Infrared Equipment Manufacturers/System supplier
12.50%	Academia/Researching Laboratory/Institution
10.88%	Artificial Intelligence (Driver Assistance/ Face Recognition, etc.)
10.01%	Aviation/Aerospace/Military/
9.78%	Detection (Industry/Construction/Inspection, etc.)
8.11%	Distributor/Exporter/Agent
7.38%	Telemetry (Electric Power/Coal/Petrifaction/Forest Fire Control)
6.82%	Medical Treatment (Infrared Diagnostics/Cure/Health Care)
2.98%	Others

Industrial Media/Associations/Chamber of Commerce
Governmental Purchasing Department

Lasers Technology & Intelligent Manufacturing Expo

28.80%	Industrial Manufacturing
16.77%	Lasers Equipment Manufacturers/System Supplier
14.85%	Communications/Measurement/Storage
9.49%	Industrial Media/Associations/Chamber of Commerce
9.06%	Distributor/Exporter/Agent
8.19%	Aviation/Aerospace/Military
5.98%	Medical/Cosmetology/Biotechnology
3.08%	Industrial Media/Associations/Chamber of Commerce
2.61%	Others

Visitor Breakdown by Industries



China Sapphire Technology & Touch Screen Expo

20.19%	Consumer Electronics
19.83%	Optical Window Manufacturer
15.57%	LED Chips Manufacturer
13.29%	Distributor/Exporter/Agent
11.99%	Academia/Researching Laboratory/Institution
9.95%	Aviation/Aerospace/Military
4.67%	Others
4.51%	Industrial Media/ Associations/Chamber of Commerce
	19.83% 15.57% 13.29% 11.99% 9.95% 4.67%

LED and Semiconductor Expo

	22.81%	LED Manufacturer
	20.58%	Electronics (Auto Electronics/Digital Products/Industrial Electric)
	10.61%	Instruments and Apparatus
	9.09%	Distributor/Exporter / Agent
	6.64%	Academia/Researching Laboratory/Institution
	6.63%	Information Appliances
	4.03%	Stage Lighting/Entertainment Center
	3.97%	Aviation/Aerospace/Military
	3.92%	Advertisements & Signage
	3.20%	Municipal Construction (Landscape Illumination/Traffic/Airport/Harbor/Port/Stadium Lighting, et
1	3.17%	Others
- (2.44%	Industrial Media/Associations/Chamber of Commerce
1	1.92%	Real Estate/Finance
1	1.00%	Distributor/Exporter / Agent

Photonics Innovation Pavilion

20.78%	Electronics/Semiconductors
13.94%	Industrial Automation/Instruments and Apparatus
10.39%	Consumer Electronics
10.24%	Academia/Researching Laboratory/Institution
9.56%	Intelligent Hardware (Robots/Drones/Wearable Device/Smart Home)
8.18%	Distributor/Exporter/Agent
1.31%	Aviation/Aerospace/Military/Energy
6.05%	Security Technology/Intelligent Architecture
5.82%	Medical Institutions (Hospital/Medical College/Nursing Home/Community healthcare/Beauty Institut
2.88%	Others
2.36%	Industrial Media / Associations / Chamber of Commerce
1.56%	Investment and Financing Institutes / VCs
0.89%	Governmental Purchasing Department
	13.94% 10.39% 10.24% 9.56% 8.18% 7.37% 6.05% 5.82% 2.88% 2.36% 1.56%





Group Visitor: (listed in no particular order)

Huawei . Foxconn . ZTE . BYD . Lenova . Alibaba . Tecent . Vivo . Konka . Desay SV Automotive . KYOCERA . Natsume Optical Corp. Archean Group . Guangzhou Smart City Promotion Association . Dongguan High-Tech Industry Association . LED Sapphire Substrate Processing Association . South China Normal University . The Chinese University of Hong Kong . Shenzhen University . Jinan University .





"I attended CIOE since its first edition. I witness CIOE 19 years' growth and have deep feeling for this event.
Sincerely wish CIOE become better and better and make more contribution to China's as well as global optical communication industry."

Liangzhen Du, Professor, ZTE



"It is my first time to attend domestic technical exhibition. Thanks a lot to CIOE's VIP Buyer Face To Face Sourcing Meeting. We achieved a lot from this matchmaking meeting."

Jinsong Ren, CTO, Precision Manufacturing Center, Huawei

What did our visitor say?

"We are very happy to be here at CIOE. The show is totally big. It also combines the whole supply chain. We see all the different potential suppliers and also many of the potential customers."

Jose Pozo, Director of Technology & Innovation, European Photonics Industry Consortium (EPIC)



"CIOE is more like a parent who summons annual home-returning for all industrial players to gather together, to review the past and to look into the future. On the occasion of the upcoming CIOE's 20th anniversary, I wish CIOE grow stronger and bigger and have a bright future."

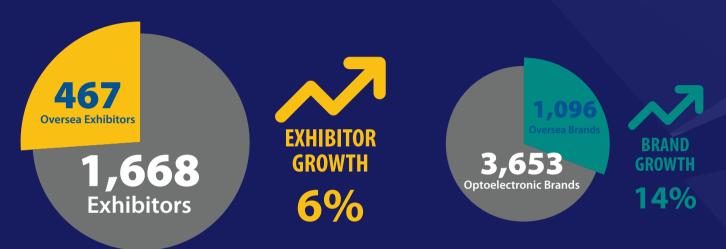
XinYe Lou, Chief Optics Scientist, Baofeng Mojing











6 International Pavilions























"China is a big market. It's become very significant in the past few years. We have already been here for more than 4 years. We meet our customers here so this event is very important for us to explore Chinese Market. It's great potential business for us."

—Hanan Shumacher, Senior Director Marketing and Product Management, Mellanox

exhibition in China, even in the world. We've been attending CIOE for more than 10 years. We promote our brand to the whole world and win the reputation for Made-in China at CIOE."

—Zhenpeng Chen, Vice President, Guangzhou SAT Infrared Technology Co. Ltd (SATIR)

What did our exhibitor say?

"CIOE has become a very big exhibition and I guess it has become one of the most important event in the world in optoelectronic industry. It is a very important exhibition for the German companies as well, and I guess for companies in photonics filed worldwide"

---Wenko Süptitz, Head of Photonics Division, SPECTARIS



"Mitsubishi Electric has participated CIOE for 7 years. We met more customers here year by year. Along with China's optical communication market's growth, we believe Chinese market will become the most important market in the word"

—Atsushi Sugitatsu, Head of Optical Component Department, Mitsubishi Electric

"CIOE 2017 emphasized laser technology and intelligent manufacturing with a featured sub-expo. It's a very smart topic which well-matched the theme of Made-in-China 2025. Many laser manufacturers are exhibiting at CIOE 2017!"

-Xiangdong Cao, President, Wuhan Hongtuo Newtech





Connect You to the Future of Optoelectronics

China International Optoelectronic Conference (CIOEC) is a professional symposium held concurrently with CIOE. The conference provides a unique exchange platform for optoelectronics industries, researches and institutes. The topics will cover the full spectrum of optoelectronics industry, including optical communications, optical manufacturing, optical fiber sensing, AR/VR, infrared applications, laser technologies, data centers, etc.



Global Photonics Technology and Industry Development Summit
2017 Optical Communication Technology and Development Forum
China Mobile - 5G Optical Network Development Summit
China Unicom Household WIFI Summit and WoLink Presentation
2017 China International Big Data and Cloud Computing Forum
2017 Optical Fiber Sensor Technology and Industrialization Seminar

Modern Optical Manufacturing Engineering and Science International Symposium (Shenzhen), 2017

2017 Deep Learning and Machine Vision Seminar

2017 China Photonics Industry Investment and Financing Forum

The 2nd Executive Infrared Imaging Forum: Uncooled Infrared Imaging for Volume Applications

The 1st Executive Forum on Laser Technologies: From new technologies to emerging applications

2017 Sino-Americans Optical Communications Technology Seminar



3 Main Telecom Operators and 5 Major Equipment Suppliers Participated

Optical Communication Technology and Development Forum 2017

The forum is a top-notch event that extensively covers the whole industry chain of optical communication industry by highlighting the theme of "intelligent optical network & innovation development, embracing the new opportunities and new challenges in optical communication industry". The forum focused on ultra-high-speed transmission, optical layer network, optical access, data center & optical interconnects, network components & optical cables, and other related key technologies and innovations.



To explore the impact 5G has on the optical communications industry, CIOE worked with China Mobile to launch China Mobile – 5G Optical Network Development Summit. Industry players such as ZTE, Huawei, Broadcom and CAICT gathered to discuss key issues of 5G era with brand-new mindsets and from higher perspectives. Major topics

ude challenges faced by optical transport network (OTN); how OTN evolves to meet needs of 5G network and service



Focusing on the enhancement of household WI-FI and the opening of Wolink's cooperation, China Unicom has officially realease the China Unicom Wolink Protocol, Chinia Unicom Household WI-FI White Paper and WI-FI Experiential Perception Index

Featured Topics in Precision Optics Industry

"Modern Optical Manufacturing Engineering and Science" International Symposium

The three-day forum discussed the featured topics in precision optics industry. 13 industry experts and 300 + professionals in optics industry explored the applications of optical manufacturing industry, AR/VR, optical intelligent manufacturing machine vision. And the experts also shared their technical quidance to the industrialists.







Strongly Supported by International Industry Associations

EPIC Photonics Tech Talk at CIOE

CIOE & EPIC joined hands to hold a tech talk focusing on photonics applications, imaging and sensing, lasers and optoelectronics manufacturing. During two days event, nearly 20 European companies presented their advancing technologies in optoelectronics industry.





Co-organized with International Authority Analysis Insitution Yole Développement

Executive Forum on Laser Technologies

Over 1.5 day, the forum addressed laser emerging applications and key markets, new technologies, and future trends. This forum is must for all laser industry executives as well as for manufacturers, integrators and users managers to network and learn about all the latest industry trends. Industry leaders such as Trumpf, Coherent, Hans Laser, all delivered insightful speeches.

2nd Executive Infrared Imaging Forum

During an impressive one-day program, the forum brought together a world class panel of users and application experts to debate and get valuable insights into the status and future of the infrared imagindustry including technical insights, market trends and related figures and competitive landscape. ULIS, Hikvision, Heimann Sensors, Optris, JIR Infrared, Oxford Instruments, SST Vacuum Reflow Systems, Sunny Infrared Optics, ENAS Fraunhofer and more all delivered inspiring presentations.





Online and Offline Integrated Marketing



Influential TV Reports - Focusing on **Industry Trends**

CCTV-2 reported the exhibition highlights and arranged 70+ exclusive interviews during CIOE 2017. More people had the chance to learn about of optoelectronic industry trends.



Live Wechat Webcasting

47 interviews live webcasting on wechat during the exhibition. Industry leaders and experts introduced what's new at CIOE 2017 and shared their opinions about new products, emerging applications, future trends online



Elaborating Latest Industrial Trends

39 New Product and New Technology Presentation were held in CIOE 2017, among which 20 presentations for precision optics while 15 for optical communication, laser and infrared and 4 for LED. New Product and New Technology Presentation has been provided a superior communication platform for optoelectronic players to know more about industry trend, latest technology and policy directions.



Precise Match-making Meeting

VIP Buyer Face to Face Sourcing Meeting platform for buyers and suppliers. Totally 210 buyers has participated in VIP Buyer Face to Face Sourcing Meeting at CIOE 2017 and 570









中国光博会官方网站











Media Coverage

227 Media 45 Mass Media | 182 Industry Media

45,530 Pick-ups of Show PR News

Show PR:

CIOE's show PR is distributed by PR Newswire, the premier global provider of multimedia platforms and news distribution.

Mass Media: 45

TV Station & Broadcasting Station

CCTV, Guangdong TV Station, Southern TV Guangdong, Shenzhen TV, Shenzhen Public Channel, Shenzhen Finance Channel, Maker TV, China National Radio, Shenzhen Broadcasting Station....

Nanfang Metropolis Daily, Shenzhen Special Zone Daily, Shenzhen Economic Daily, Shenzhen Metropolis Daily, Shenzhen Daily, Shekou Newspaper, Hongkong Economic Daily, Guangzhou Daily, Hong Kong Commercial Daily, Hong Kong Wenhui Newspaper, China News Service, Yangcheng Evening News....

Industry Media: 182

Online Media

Xinhua Online, People's Daily Online, PR Newswire, Ifeng, Tencent, Netease, Sina, China News, Headlines Today, Timesnews, Shenzhen Gov, Shenzhen News, Shenchuang, Oeeee, Hexun, YCWB, GD.QQ, GMW, China Economic Net, 21CN, STCN, Yesky, Sxcmw, Huangiu. . . .

Trade Journal

BioPhotonic, Communication World Weekly, COMPOLUX, Electro Optics, EPIC, Fiber Systems, Global LEDs & OLEDs, Imaging & Microscopy, Industrial Laser Solutions, Industrial Photonics, Italian Lighting, Journal of Applied Optics, Laser Focus World Japan, Laser World, LASER+PHOTONICS, LED professional Review, Light Search, Lightwave, MAFO, Network Telecom, Optical Communication, Optical Connections, Optics.org, Optics and Optoelectronic Technology, OPTCOM, OptoIndex, Optronics, Paci-c Security and Defense, Photonics Russia, Photonics Spectra, Physics, Solar & Energy Saving Products, Telecom ramblings, Webcom Communications, Vacuum Focus, Vacuum Technology and Equipment, Vision System Design....







SEE YOU AT CIOE'S 20TH ANNIVERSARY

SEPTEMBER 5-8, 2018

SHENZHEN · CHINA





PRECISION OPTICS,
LENS & CAMERA MODULE
EXPO



LASERS TECHNOLOGY & INTELLIGENT MANUFACTURING



APPLICATIONS
EXPO



PHOTONICS INNOVATION

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