LASER WORLD OF PHOTONICS CHINA

2026.3.18-20

Shanghai New International Expo Centre

# Integrated Photonics and Optical Communication Zone

**Hall N5**

The Integrated Photonics and Optical Communication Zone will focus on the "Devices → Modules → Systems →Scenario Applications" complete ecosystem. Incorporate cutting-edge innovative photonics technologies, aiming to establish a core hub for the global optical communication industry and elevate industry development to new heights.

# From key technologies to application solutions, Integrated Photonics paves the way forward!

With the advancements in big data and AI (artificial intelligence), the significance of data centers will grow, making information transfer between data centers a crucial concern, as exemplified by the "East Data, West Computing" Project. The Integrated Photonics and Optical Communication Zone targets the core sectors of optical communications and chips, prioritizing areas such as integrated photonics and optical interconnection systems. By uniting industry, academia, and research resources, it endeavors to address challenges like chip and optical path co-design and high-density integrated packaging, thereby bolstering the nation's status as a significant force in the global integrated photonics and communication connectivity arena.

## Two Major Sectors of Integrated Photonics and Optical Communication Zone

**Sector 1:** Core Devices and Materials

**Sector 2:** Manufacturing Equipments and System Applications

# Exhibition Scope (including but not limited to)

## Sector 1: Core Devices and Materials

### Optical chips

- Discrete optical chips: Laser chips, Detector chips, Amplifier chips, Passive device chips
- Integrated photonic chips: Silicon optical transceiver chips, Perovskite/ silicon nitride integrated photonic chips, InP PIC, Optoelectronic integrated circuits

### Optical components

- Ceramic sleeves, Ceramic ferrules
- Optical fiber adapters
- Other structural parts: Optical transceiver interfaces, Precision metal parts, Converters

### Optical devices

- Passive optical devices: Optical fiber connectors, Optical splitters, Wavelength division multiplexers/demultiplexers, Optical switches, Optical isolators, Optical attenuators
- Active optical devices: Light sources/lasers, Photodetectors, Optical amplifiers, Optical modulators, Optical emission submodules

### Optical modules

- Optical receiving modules, Optical transmitting modules, Integrated optical transceivers, Optical transponder modules,
- Coherent modules
- Pluggable optical modules
- Silicon optical modules

### Optical fiber and Transmission mediums

- Optical fibers and cables: Communication optical fibers,Special optical fibers
- Key materials: Semiconductor materials, Optoelectronic packaging materials, Optical fiber preforms, Coating materials, Sheath materials

## Section 2: Manufacturing Equipments and System Applications

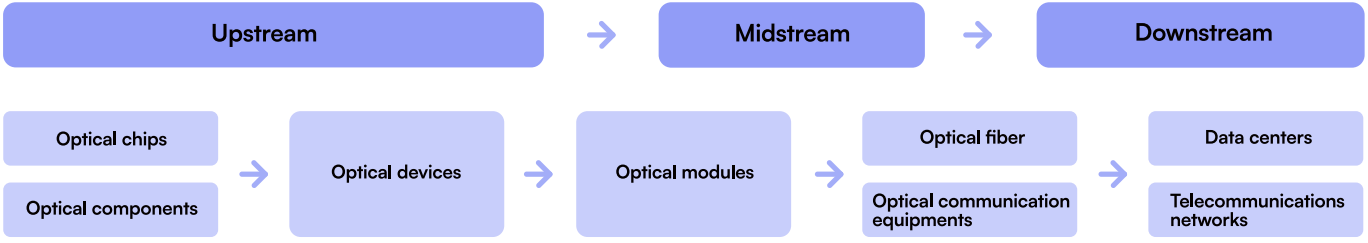
### Semiconductor packaging and testing equipment

- High-precision placement machines
- Capping machines and laser sealing equipment
- Coupling packaging equipment
- Die bonder
- Wire bonding Machine
- Automatic Test Equipment
- Wafer testing equipment
- Aging test equipment

### Application solutions

- Data centers
- In-vehicle communication
- Telecommunication networks
- Artificial intelligence

# Optical Communication Industry Chain



# What exceptional opportunities can be accessed by participating in the zone?

## Precise trade matchmaking

Prioritizes participation in XMatch procurement matching sessions, with personalized invitations extended to professional buyers in sectors such as communications, chip manufacturing, and semiconductors.

## New product launch hub

The zone provides a stage for new product debuts and forums for new application solutions, facilitating rapid reach to target customers with cutting-edge technologies.

## Extensive media coverage

Amplify brand influence through press releases, WeChat pushes, email campaigns, partner media, and multimedia matrix.

## Ecosystem synergy value

Integrates into the comprehensive ecosystem of "devices → modules → systems → scenario applications" to enhance technical visibility and collaboration opportunities.

# How to participate?  3 ways to unlock!

## 01 Apply as a main exhibitor for the zone

Recommended

**Benefits:**

- Booth will be located in Hall N5 (booth fee consistent with the application form) .
- Complimentary offer: 15 minutes of dedicated presentation slot (requires new product launch or new application solution).
- Special logo in the Online Catalogue + Multi-channel promotion (news, WeChat, email, media).

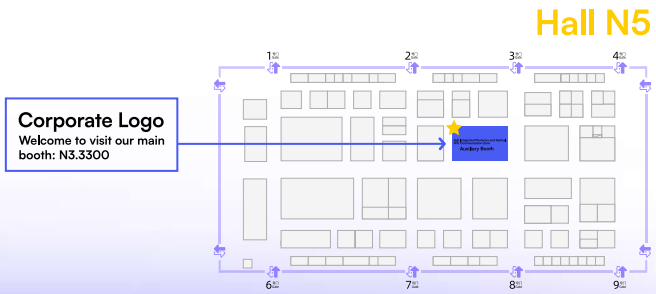
Integrated Photonics and Optical Communication Zone

## 02 Apply for an affiliated booth in the zone (applicable to exhibitors with main booth):

**Benefits:**

- Main booth (outside Hall N5) + affiliated booth (inside Hall N5), paired integration to maximize exposure.
- Complimentary offer: 15 minutes of dedicated presentation slot (requires new product launch or new application solution).
- After upgrade, it will equally activate the zone identification of Online Catalogue + Multi -channel promotion (news/WeChat/email/media).
- Promotional signage provided at affiliated booth guiding professional visitors to your main booth.

Integrated Photonics and Optical Communication Zone



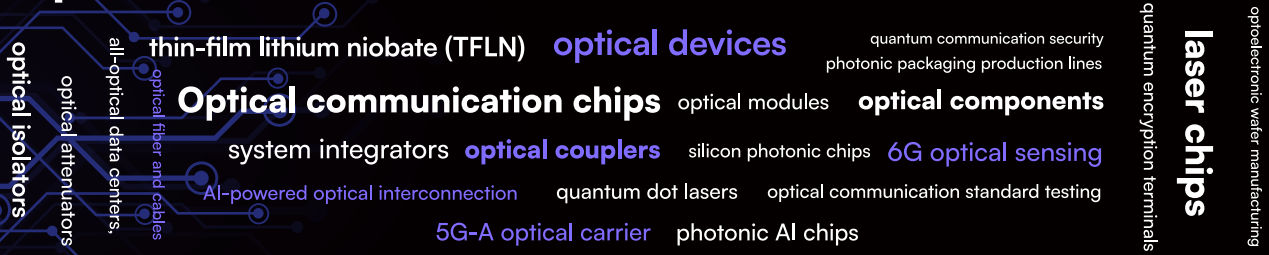
## 03 Other participation options

**Benefits:**

- Product collections of WeChat articles.
- Themed keynote presentation.
- Printing material sponsorship for conference.
- Tea break sponsorship.
- Exclusive naming rights for the Visitor Lounge.

*All above applications require submission of product materials.

# Topics of Concurrent Conferences




# Real Demands from Visitors

**LONGi Green Energy**

—— Focus on optical devices in optical communications, advanced packaging technology, and the trends and directions in the development of optical communications.

**ZTE Corporation**

—— Observe the presentation of optical communication products and lasers. The on-site laser segment's depiction is quite remarkable, and the arrangement andtechnical presentation of related products are also rather comprehensible. Optical communication products are fairly dispersed. It is hoped that a dedicated optical communication section could be established to enable easier access to target products.

**HiSilicon**

—— Emphasize the entire production process of optical communication. Current exhibits related to optical communication at the venue have showcased some technological highlights of the industry's procedural innovations. A more interconnected presentation of the processes at various stages, possibly linked through a streamlined display logic, would likely be more intuitive.

# Part of previous visitors

| | | |
|---|---|---|
| 中兴通讯股份有限公司 | 科大讯飞 | 浙江大学山东工业研究院 |
| 小米通讯技术有限公司 | 联发科 | 上海无线电设备研究所 |
| TCL通讯 | 旷视科技 | 上海舶舶设备研究所 |
| 爱立信中国 | 南京中安半导体 | 航空工业研究所 |
| 中国电信 | 北京中博芯半导体科技有限公司 | 上海应用物理研究所 |
| 中国通信服务 | 连科半导体 | 武汉邮电科学研究院 |
| 烽火通信 | 厦门本芯半导体科技有限公司 | 中国科学院宁波材料技术与工程研究所 |
| 摩托罗拉(武汉)移动技术通信有限公司 | 天津久日半导体 | 电子科技大学 |
| 联想(上海)电子科技有限公司 | 三星 | 南京大学 |
| 海思半导体 | 上海诺基亚贝尔 | 清华大学 |
| 字节跳动 | 中国科技技术大学上海研究院 | 北京大学 |
| 长电科技 | 福建省邮电规划设计院 | 国防科技大学 |
| 通富微电 | 中国工程物理研究院 | 复旦大学 |
| 华虹公司 | 中国科学院上海技术物理研究所 | 上海交通大学 |
| 索尼公司 | 山东省科学院 | 北京航空航天大学 |
| 思科 | 上海卫星装备研究所 | 同济大学 |
| 紫光股份 | 北京大学长三角光学科学研究院 | 华东师范大学 |
| 商汤科技 | 国科大杭州高等研究院 | 东华大学 |
| 华为技术有限公司 | 中国移动(上海)产业研究院 | 中国移动研究院 |
| 中国广电 | 中国南方工业研究院 | 北京(浙江)5G研究院 |

# Part of previous exhibitors


# Cooperation Media

# About exhibition

Relying on Messe München, the Shanghai-based Laser World of Photonics China was founded in 2006. Since then, it is oriented to the Chinese market and extends to Asia-Pacific region, and further connects with premium exhibitors and buyers in industries of laser, optics and optoelectronics across Asia and even the world. Working with Chinese and international optoelectronic professionals, the event will actively promote the transformation and realization of scientific and technological achievements, explore the future direction of the optoelectronic industry, and keep track of new technologies and new trends, in a bid to help the innovative development of traditional industries and emerging industries, provide powerful support for China's high-quality development by technological means, and further push the industry move towards a higher level and broader extent.

**JOIN US immediately**

Explore the infinite possibilities of optoelectronic technology together with industry leaders to create a new chapter in the industry.

**Contact us:**

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