

Biomedical Photonics Zone 2.0

Hall E6

The Biomedical Photonics Zone at Laser World of Photonics China 2026 will be fully upgraded to version 2.0, focusing on the value chain of "core components → complete equipments → cutting-edge applications" to create a more focused, more advanced, and more efficient industrial ecosystem platform for biomedical optics.



From fundamental research to clinical translation, Biomedical Photonics opens new pathways!

As life sciences delve deeper into microscopic observation and clinical diagnosis and treatment advance toward precision medicine, the core supporting role of photonics technology in the biomedical field will become increasingly prominent. The photonic analysis of biological information at different levels and cross-scenario application synergy will inevitably become a key direction. The Biomedical Photonics Zone anchors the core track of photonic technology and medical applications, focuses on biological imaging, precise optical therapy modulation and other fields, integrates medical-engineering research and application resources, strives to break through bottlenecks in in vivo photon detection and miniaturized diagnostic and therapeutic devices, and facilitates innovative development in this field.

Two Major Sectors of Biomedical Photonics Zone



Sector 1: Advanced Optical Components
and Modules



Sector 2: Complete Equipment
and Application Ecosystem

Exhibition Scope (including but not limited to)

Sector 1: Advanced Optical Components and Modules



Optical Materials and Components

- Light guide crystals/Crystal rods/Quartz
- Optical lenses/Prisms
- Endoscopes/Modules
- Microlenses/Infrared lenses/Imaging lenses/Threaded Fresnel lenses
- Optical filters



Light Sources and Laser Modules

- Ultra-broadband light sources
- White laser sources/Line laser sources
- Full-spectrum light sources
- OCT laser modules
- Therapeutic light sources (UV-IR)
- High-speed swept-source lasers
- Six-channel LED light sources
- Lasers
- Laser chips
- Semiconductor fiber laser coupling modules



Core Devices and Sensing

- Biosensing optical fibers
- Achromatic collimators
- LCoS projection engines
- Miniature cameras/Displays
- Vision sensors
- Medical force sensors



Testing and Supporting Equipment

- Optical safety monitoring for medical products
- Optical sensing function measurement instruments for endoscopes
- Medical endoscope testing systems
- Constant temperature and humidity test chambers
- Multifunctional precision image analysis systems
- Software services

Sector 2: Complete Equipment and Application Ecosystem



Complete Equipment Exhibition

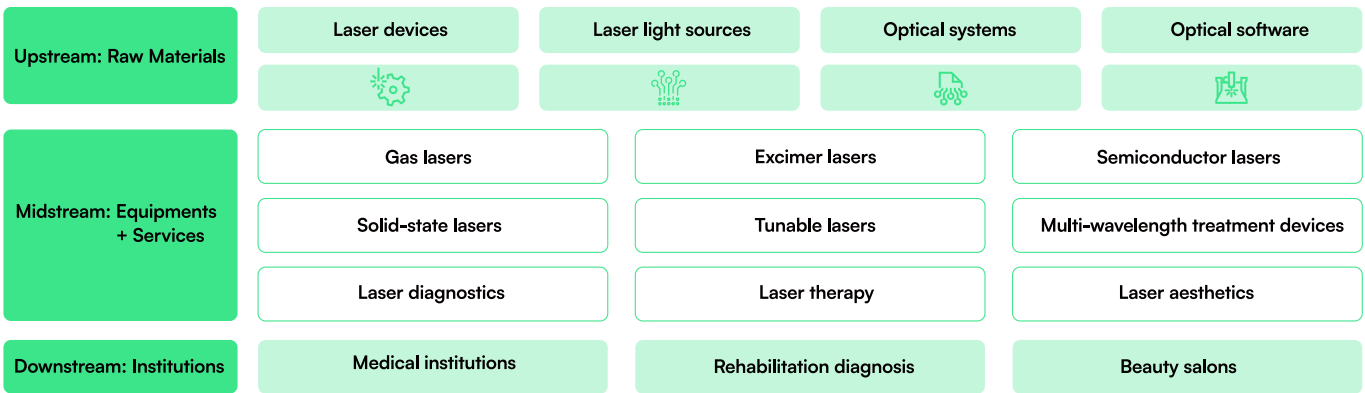
- Imaging diagnostic equipment: Super-resolution microscopes, OCT microscopes, Fluorescence microscopes, Confocal Raman microscopes, Flow cytometers, Spectral diagnostic equipment
- Treatment and integrated systems: Laser therapy complete systems, Precision treatment integrated solutions
- Research and laboratory equipment: Research-type inverted biological microscopes (live cell imaging platforms), Spectroscopic instruments



Cutting-edge Application Achievements

- Laser therapy technologies (Surgical/Ophthalmological/Dermatological clinical cases)
- OCT technology applications: Non-invasive, High-resolution imaging solutions
- Super-resolution microscopy research and clinical diagnostic integrated systems

Overview of the Laser Medical Industry Chain



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



Precise trade matchmaking

Priority participation in XMatch procurement matching sessions, with personalized invitations to professional buyers in sectors such as biomedical institutions, research organizations, and medical device manufacturers.



Extensive media coverage

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



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.



Ecosystem synergy value

Integration into the full-chain exhibition ecosystem of "core components → complete equipments → cutting-edge applications," enhancing technology visibility and collaboration opportunities.

How to participate? 3 ways to unlock!

01 Apply as a main exhibitor for the zone



Benefits:

- Booth will be located in Hall E6 (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).

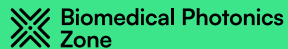


Biomedical Photonics
Zone

O2 Apply for an affiliated booth in the zone (applicable to exhibitors with main booth):

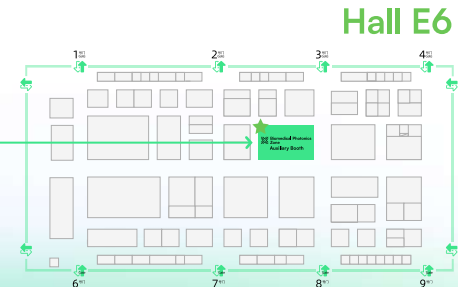
Benefits:

- Main booth (outside the zone) + affiliated booth (within the zone), 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.

Corporate Logo
Welcome to visit our main
booth: N3.3300



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

Endoscopes and supporting facilities

Microscopes and imaging

Optical diagnosis and therapy Bio-optical sensing and control Spectroscopy instruments
Optical therapy equipment Biosensors Biochip Optical Applications Future perspectives
Medical testing Laser medicine Therapeutic light sources Optical instruments
Tissue optical spectroscopy and imaging

Lab equipment

Real Demands from Visitors

Mindray Bio-Medical

— This visit is primarily to procure optoelectronic components for our self-developed equipment, with key focus on light-emitting devices and photosensitive devices; we also hope to understand the current development status of this field and whether there are any new products launched recently.

MicroPort Scientific

— Mainly here to explore the application of optical fibers in medical devices, especially in commonly used medical instruments such as endoscopes and fiber optic catheters; also to know laser equipment for marking, welding, and cutting applications in medical devices.

GeneMind Biosciences

— Focusing on imaging, lenses, and light source products for application in our product development and production. We typically concentrate our evaluation of such products at Laser World of Photonics China.

Moptim

— Primarily examining precision machinery, infrared detection, and lighting components, all of which are core supporting components required for product manufacturing. On-site, we saw many long-term partners and exchanged information about whether they have launched upgraded models, added new functions, and other iterative updates to see if they can be applied to our R&D.

Part of previous visitors

西门子医疗器械有限公司	北京金旭仪科医疗器械有限公司	四川大学
上海联影医疗科技股份有限公司	上海荧辉医疗器械有限公司	浙江大学
安图生物	上海第十五制药厂	南方医科大学
中国人民解放军总医院	北京金诺美生物技术有限公司	首都医科大学
上海国研医疗器械检测中心有限公司	北京图湃医疗科技有限公司	东南大学
上海西门子医疗	同科林医疗仪器(上海)有限公司	上海科技大学
上海微创医疗器械(集团)有限公司	山东新华医疗器械股份有限公司	华南理工大学
拜耳医药有限公司	上海思埃然医疗	上海应用物理研究所
执鼎医疗科技有限公司	波科医疗器械技术（上海)有限公司	华南师范大学生物光学学研究院
美敦力中国研发中心	上海汇中医疗科技有限公司	中国科学院宁波材料技术与工程研究所
赛默飞	中国科学院上海生命科学研究院	上海大学
帕拉森医药生物技术(上海)有限公司	中国科技技术大学上海研究院	山东省科学院激光研究所
默克	中国科学院光电技术研究所	清华大学
上海国研医疗器械检测中心有限公司	中国工程物理研究院	北京大学
爱尔博(上海)医疗器械有限公司	中国科学院上海技术物理研究所	复旦大学
上海复星医疗系统有限公司	山东省科学院	上海交通大学
赛多利斯	天津医科大学	北京航空航天大学
日立医疗系统(苏州)有限公司	北京大学长三角光学科学研究院	同济大学
埃克森美孚亚太研发有限公司	国科大杭州高等研究院	华东师范大学
执鼎医疗科技(杭州)有限公司	海南大学	东华大学
齐鲁制药有限公司	华中科技大学	

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.

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