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2020年3月18-20日 MARCH 18-20, 2020
上海新国际博览中心 SHANGHAI NEW INTERNATIONAL EXPO CENTRE

慕尼黑上海光博会

LASER World of **PHOTONICS CHINA**





作为全球光电科技的盛会，第十四届慕尼黑上海光博会（LASER World of PHOTONICS CHINA 2019）于3月22日在上海新国际博览中心完美谢幕。本届展会有来自26个国家和地区的1,177家企业来参展，展示面积达到60,750平方米，为历史之最。随着激光市场的飞速发展，激光应用的日益广泛，激光技术已经渗透到各行各业，2019年慕尼黑上海光博会，参观人数迎来了新的高峰，三天共接待了65,705名专业观众莅临参观。

The world's leading event of photonics technology, the LASER World of PHOTONICS CHINA 2019 has made a perfect curtain call on March 22nd at the Shanghai New International Expo Center. A total of 1,177 enterprises from 26 countries and regions participated in the exhibition. The exhibition used 60,750 square meters, the biggest in its history. With the rapid development of its market and applications, laser technology is now commonplace in all industries. As a result, the number of visitors at LASER World of PHOTONICS CHINA 2019 has reached a new peak: a total of 65,705 professional visitors attended the exhibition in the past three days.

亮点回顾 HIGHLIGHTS

- ▶ **12,884** 重点观众 ▶ **401** 个买家团
- ▶ **60,750** 平方米展示面积 ▶ **486** 场报告
- ▶ **1,177** 家展商
- ▶ **12,884** key visitors ▶ **401** buyer groups
- ▶ **60,750** square meters ▶ **486** speeches
- ▶ **1,177** exhibitors

展商满意度持续好评

EXHIBITOR SATISFACTION REMAINS HIGH

95%

愿意推荐合作
伙伴及同事参展

Would recommend LASER
World of PHOTONICS
CHINA to business partners or
colleagues

95%

明年会继续参展

Would attend LASER World
of PHOTONICS
CHINA again

90%

对观众质量满意

Were very satisfied
with quality of visitors

89%

对展会评价非常满意

Were very satisfied
with LASER World
of PHOTONICS CHINA

海外展商占比

PROPORTION OF OVERSEAS EXHIBITORS

来自 **26** 个国家和地区的 **1177** 家企业参展
海外展商 **366** 家，占比 **31.1%**

A total of **1,177** companies from **26** countries
366 overseas exhibitors, accounting for **31.1%**

2019展商对哪方面满意

ASSESSMENT of LASER World of PHOTONICS CHINA 2019



展会的推广
Promotion of the trade show



主办方的服务质量
Quality of exhibitor services provided
by the trade fair organizers



展示内容的技术应用性
Application orientation of the
trade fair contents



作为亚洲领先品牌展会的角色
Character of a leading trade fair/
leading role in this branch in Asia

数据来源：所有现场展商调研，评估结果为非常好，很好，好。

Sources: all exhibitor survey, accounting for excellent, very good, good.

2020年展馆布局图 2020 HALL ASSIGNMENTS



W1 | W2 | W3 | W4 | W5
OW6 | OW7 | OW8 | OW9

Vision China
www.visionchinashow.net
Shanghai 2020

W5/OW9

成像，机器视觉
Imaging, Machine Vision

W4/OW8

光学与光学制造
Optics and Manufacturing
Technology for Optics

W4

检测和质量控制
(◆红外技术与应用产品
特色展示)

Optical Metrology and
Quality Assurance
(◆Infrared Technology
and Applications)

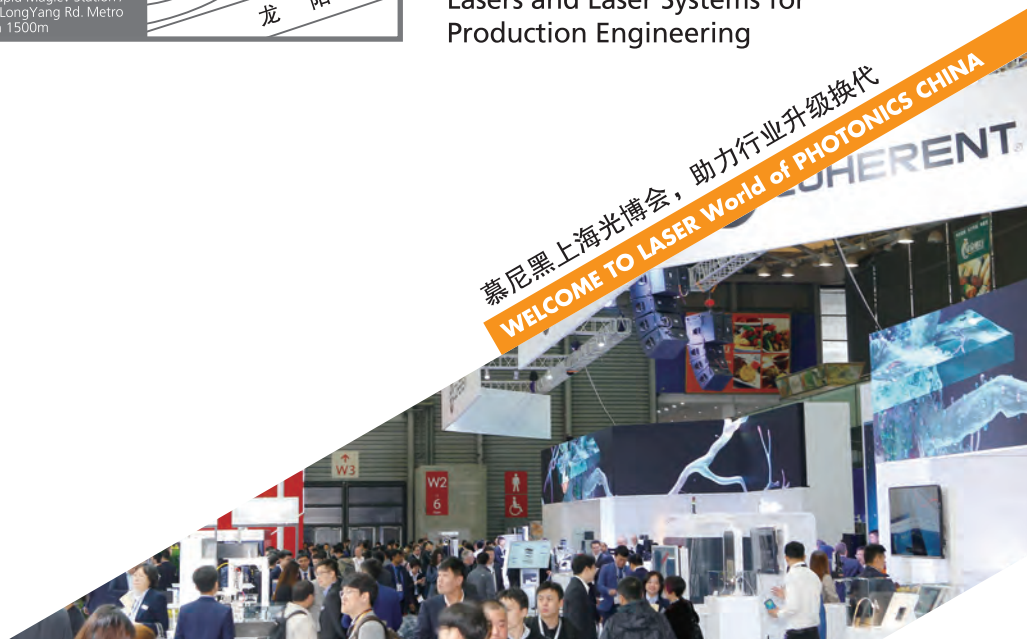
W2/W3/OW6/OW7

激光器与光电子
Lasers and Optoelectronics

W1/W2

激光生产与加工技术
Lasers and Laser Systems for
Production Engineering

慕尼黑上海光博会，助力行业升级换代
WELCOME TO LASER World of PHOTONICS CHINA



慕尼黑上海光博会

WELCOME TO LASER World of PHOTONICS CHINA

展区介绍

EXHIBITION SEGMENTS

激光生产与加工技术展区

Lasers and Laser Systems for Production Engineering

基本上，中美贸易战对于中国经济带来的负面影响不会过分严重。然而，中国也不可能永远身居“世界工厂”的首席宝座上，该国的人力成本增长速度过快。因此中国也寄希望于制造更高价值的产品，以扭转作为廉价商品供应国的局面。汽车、电动汽车和电池、白车身、机械市场、医疗行业、显示器行业，激光都已经在许多工艺步骤中必不可少，其中，某些工艺允许激光在最大程度上显示其在精度和选择性方面的优势。2020 慕尼黑上海光博会将在 W1、W2 馆为激光行业提供技术创新、不断开拓激光应用空间的最佳平台。

Basically, the negative impact of the Sino-US trade war on the Chinese economy will not be too excessive. However, China is unlikely to remain the “factory of the world” forever, and the labor costs in China are growing too fast. Therefore, China also hopes to produce higher value products and abandon its role as a supplier of cheap goods. Lasers is indispensable in the production of automobiles, electric vehicles and batteries, body-in-white, machinery, medical devices and displays. In a number of processing operations, laser is preferred for its maximum accuracy and controllability. The LASER World of PHOTONICS CHINA 2020 will provide a best platform for the technological innovation and continuous development of laser applications in Halls W1 and W2.

部分知名展商 [激光生产与加工技术] Exhibitors (Excerpt)



展商评价 EXHIBITOR SATISFACTION

“我们认为慕尼黑上海光博会对整个行业非常有意义，它是在激光技术及激光应用领域的一个很好的交流平台，每年都收获颇丰，我们的很多发展举措都基于在慕尼黑上海光博会获取的信息。”

莫衡阳，武汉华工激光工程有限责任公司智能装备事业部常务副总经理

HG Laser has been participating at LASER World of PHOTONICS CHINA every year since 2002. We believe that the exhibition is very important to the whole industry. It is a good platform for us to communicate about laser technology and application. We have gained a lot every year. Many of our development initiatives are based on the information obtained at LASER World of PHOTONICS CHINA.

Hengyang Mo, Deputy General Manager, Intelligent Equipment Division, Wuhan HG Laser Engineering Co., Ltd.

激光器与光电子展区

Lasers and Optoelectronics

全球激光产业，材料加工仍是最主要的应用方向，其中激光打标、切割和焊接占据着最主要的应用市场。为此，全球激光器企业也不断升级产品系列，进一步提升加工效率和降低成本。2020 慕尼黑上海光博会将在 W2、W3、OW6、OW7 汇聚新技术新应用。

For the global laser industry, material processing still makes its most important applications, in which laser marking, cutting and welding are the biggest markets. To this end, the laser companies around the world are constantly upgrading their product lines to improve efficiency and reduce costs. LASER World of PHOTONICS CHINA will showcase the latest skills and applications in W2、W3、OW6、OW7

部分知名展商 [激光器与光电子] Exhibitors (Excerpt)



展商评价 EXHIBITOR SATISFACTION

“慕尼黑上海光博会是一场非常精彩的成功博览会，也是一个非常好的平台，让我们可以和新老客户沟通，希望展会越办越好。我们期待15周年活动，并希望能够与慕尼黑上海光博会一起见证它的30周年。”

Mark Gitin, NEWPORT—MKS 万机仪器集团高级副总裁兼总经理

LASER World of PHOTONICS CHINA 2020 is a fantastic show that MKS had been coming for many years. It is a great platform to meet our current partners and to expand our business. We are looking forward to the 15th anniversary next year, and in fact we are even looking forward to celebrate its 30th anniversary.

Mark Gitin, Senior Vice President and General Manager, NEWPORT - MKS Instruments Shanghai, China

光学与光学制造展区

Optics and Manufacturing Technology of Optics

光学与光学制造主题展区是目前全球极具影响力的光学行业盛会,2020 年慕尼黑上海光博会的 W4 馆、OW8 馆将汇集光学产业链最新的亮点技术和发展趋势集中展示光学材料、元器件、镜头组件、整机仪器、光学加工设备、光学镀膜、镜头与摄像、安防与监控等各类光学产品,设备与技术。上届同期举办“2019 光学产业发展国际论坛”,特邀两院院士、首席科学家及行业领军人物,分享行业趋势以及光学产品在我国核心技术、能源、及生物工程方面的应用及解决方案。

The Optics and Optical Manufacturing area is currently the most influential event for the international optical industry. At Halls W4 and OW8, LASER World of PHOTONICS CHINA 2020 will bring together the latest highlights and developments of the optical industry, including optical materials and components, lens components, machine tools, optical processing equipment, optical coating, lens and camera, security and monitoring devices, as well as other optical products, equipment and technology. At the “The 2019 International Optical Industry Development Forum”, academicians, chief scientists and industry leaders were invited to share their opinion on industry trends and the applications and solutions of optical products in the development of core technologies, energy and bioengineering industries in China.

部分知名展商 Exhibitors (Excerpt)



展商评价 EXHIBITOR SATISFACTION

慕尼黑上海光博会是一场大型的盛会,借助这个平台,我们可以和更多客户进行交流,这是一个很好的平台

Hiroyuki Hiraiwa, 尼康集团副总裁, 眼镜事业部总经理

LASER World of PHOTONICS CHINA is a very influential exhibition. With this platform, we can communicate with more customers. That is very good.

Hiroyuki Hiraiwa, Corporate Vice President, General Manager, NIKON CORPORATION Glass Business Unit

检测与质量控制展区

Optical Metrology and Quality Control

测试与检测是设计与制造过程中产品质量、精度和性能等方面的重要保证。在汽车行业、航空航天、智能制造等各大领域均有广泛应用。如何提高加工产品的设计精度和质量要求,2020 年慕尼黑上海光博会 W4 号馆检测与质量控制展区将为您呈现多方位,多层次的解决方案。国内外知名企业,汇聚一堂为您展示最新技术及产品应用。

上届举办的激光雷达技术及应用前沿论坛和光学测试与检测前沿论坛,为行业专家、知名企业和用户提供前沿技术及应用经验的分享平台!

Testing and measurement guarantee product quality, processing accuracy and performance in the designing and manufacturing processes. They are widely used in fields such as the automotive, aerospace, and intelligent manufacturing industries. How to improve the accuracy and quality in product processing? The Inspection and Quality Control area in W4 will present multi-faceted, multi-level solutions with well-known companies around the world and their latest technologies, products and applications.

The LIDAR Technology and Application Frontier Forum and the Optical Test and Metrology Frontier Forum provide a great platform for the sharing of cutting-edge technology and application experience between industry experts, leading company representative and users!

部分知名展商 Exhibitors (Excerpt)



展商评价 EXHIBITOR SATISFACTION

我认为慕尼黑上海光博会是我在中国参与过得最好的展会之一,现场所展示的技术在更精密的方向给大家提供很多启示,既有非常优秀的国际品牌,也有不断提升的本土企业。希望展会能够越办越好。

李志超, 惟德测量技术有限公司总经理

I think LASER World of PHOTONICS CHINA is one of the best exhibitions I have ever attended in China. The technology displayed on the site offered many inspirations about the future trends. There are both excellent international brands and constantly improving local enterprises.

Zhichao Li, General Manager, Werth Measurement Technology Co., Ltd.

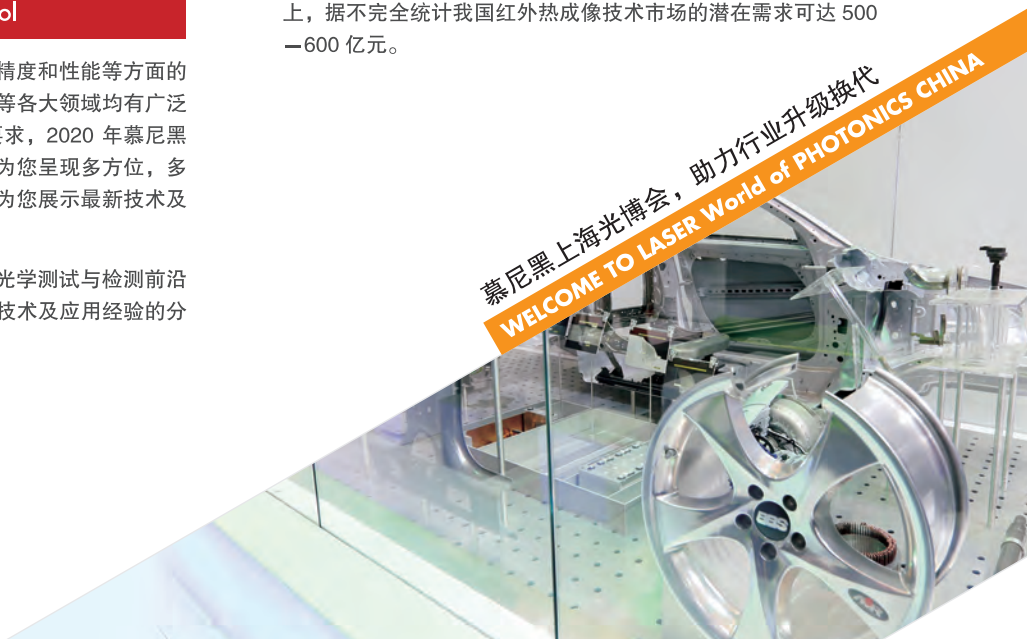
◆ 红外技术与应用产品特色展示

◆ Infrared Technology and Application Special Exhibit

随着全球红外产业潜在需求市场的不断增长,近年来红外热像仪行业发展快速,尤其是制冷和非制冷红外技术的迅速发展,推动全球红外热像仪的民用市场呈现高速增长态势,显示出广阔的应用领域和强劲的市场需求。

对军用市场,红外热成像技术已在武器装备中得到广泛应用,是现代高技术常规兵器装备中不可缺少的重要部分。对民用市场,红外热像仪在汽车、电子、安防、航空航天、工业检测、环境监测、电力、消防、轨道交通等领域的应用,民用红外热像仪行业极有可能呈现出爆发性增长,到 2020 年,红外成像市场将增长 20% 以上,据不完全统计我国红外热成像技术市场的潜在需求可达 500—600 亿元。

慕尼黑上海光博会,助力行业升级换代
WELCOME TO LASER World of PHOTONICS CHINA



慕尼黑上海光博会 WELCOME TO LASER World of PHOTONICS CHINA

Guide has participated in LASER World of PHOTONICS CHINA for many times. The exhibition is very good from the point of view of both exhibitors and visitors. It is very purposeful in the exhibition range, and the exhibition promotion is very successful. Many different industries are involved, and we are glad to see visitors from more application industries. We think LASER World of PHOTONICS CHINA is doing very well.

Yuhui Cao, Product Technology Director, Wuhan Guide Sense Technology Co., Ltd.

成像、机器视觉展区 Imaging, Machine Vision

2020 年慕尼黑上海光博会 W4 馆“红外技术与应用产品特色展示”，结合“2020 红外探测技术前沿论坛”，为观众带来红外最新技术和产品，以及红外技术在不同领域的应用解决方案。

With the continuous growth of the global infrared market, the thermal imaging industry has developed rapidly in recent years. The strong growth in cooled and uncooled infrared technologies are promoting the global thermal imaging camera market, clearly illustrated their broad application possibilities and strong market demand. Infrared thermal imaging technology has been widely used in weapons and military equipment, and is indispensable for the modern high-tech conventional weapons. For the civilian market, infrared thermal imaging cameras are used in the automotive, electronics, security, aerospace, industrial testing, environmental monitoring, power, firefighting, rail and other industries. As a result, the infrared camera market is expected to make strong growth. By 2020, the infrared imaging market will grow by more than 20%. According to incomplete statistics, the potential demand for infrared thermal imaging technology in China can reach 50-60 billion yuan. At LASER World of PHOTONICS CHINA 2020, the "Infrared Technology and Applications Special exhibit" area at Hall W4, together with the "2020 Infrared Detection Technology Frontier Forum", will bring the latest infrared technology, products, as well as their applications in different fields.

部分知名展商 Exhibitors (Excerpt)

► 红外材料及元器件



► 红外设备及应用



展商评价 EXHIBITOR SATISFACTION

我们多次参展了慕尼黑上海光博会，无论是从展商还是观众的角度来说，展会质量非常高。慕尼黑上海光博会在行业应用方面非常有针对性，展会的推广力度很大，参与的行业也非常多，我们很高兴看到有更多应用行业的观众来看我们的产品，我们认为慕尼黑上海光博会做得非常棒。

曹宇辉，武汉高德智感科技有限公司产品技术总监

伴随着智能制造的发展，机器视觉在工业生产中的重要性日渐凸显，Vision China(上海)作为国内集规模、专业性与权威性于一体的机器视觉展览会，展品范围涵盖机器视觉核心部件及辅件，包括智能相机、板卡、软件包、图像处理系统、机器视觉集成等全产业链。展会汇集了应用于电子、半导体、质量包装检测、机械自动化、食品、医疗、轨道交通等众多领域的新产品、新技术、新应用及解决方案。同期论坛将以机器视觉与人工智能为主题，紧随行业热点及市场趋势，带来前沿技术与最新案例分享，为企业、专家与用户提供有效的沟通平台！

As industrial manufacturing becomes more intelligent, the machine vision technology is becoming more and more important. Vision China (Shanghai) is a large, professional and influential machine vision exhibition covering all the core and peripheral machine vision components such as smart cameras, IC boards, software packages, image processing systems, and integrated machine vision modules. The exhibition brings together the new products, technologies, applications and solutions in electronics, semiconductors, quality packaging inspection, machine automation, food, medical, rail transportation and many other fields. The support forum will focus on machine vision and artificial intelligence and address hot topics and trends in the industry. With cutting-edge technology and the latest practices, they will provide an effective communication platform for enterprises, professionals and users!

部分知名展商 Exhibitors (Excerpt)



展商评价 EXHIBITOR SATISFACTION

很高兴能参加上海机器视觉展，本届展会人流量非常大，观众质量也很高，整体感觉比去年更好，我对展会的效果非常满意。

张耀强，特励达易图威亚太区副总裁

It's a great pleasure to participate in Vision China Shanghai. It is very popular and the visitors are of high quality. The overall feeling is that it is obviously better than last year. I'm very satisfied with the results.

Jack Cheung, Vice President APAC, Teledyne e2v

2019观众满意度再次增长 2019 VISITORS SATISFACTION

98%

明年会继续参观
would attend LASER
World of PHOTONICS
CHINA again

97%

推荐展会给相关
合作伙伴和同事
would recommend LASER
World of PHOTONICS
CHINA to business
partners of colleagues

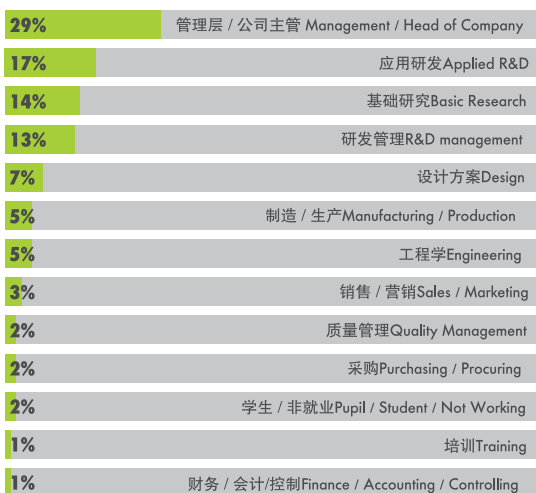
96%

认为展会对他们有帮助
thought LASER World of
PHOTONICS CHINA was
beneficial for them

95%

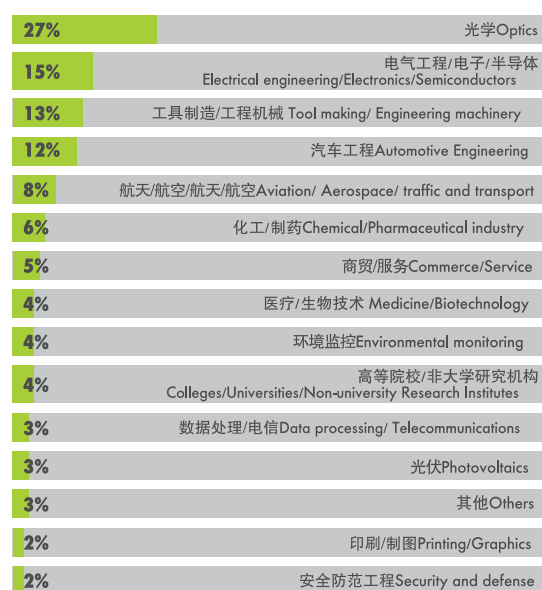
对展会效果满意
were very satisfied with
LASER World of PHOTONICS
CHINA

观众来源（按性质） VISITORS' AREAS OF RESPONSIBILITY



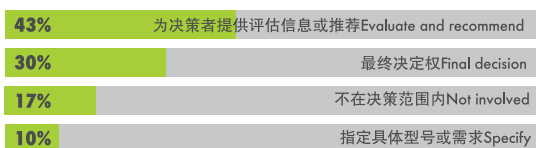
* 多选 Multiple responses possible

观众来源（按行业） VISITORS' INDUSTRY SECTORS



* 多选 Multiple responses possible

观众采购决策力 HIGH DISCRETIONARY COMPETENCE



慕尼黑上海光博会，助力行业升级换代
WELCOME TO LASER World of PHOTONICS CHINA

慕尼黑上海光博会

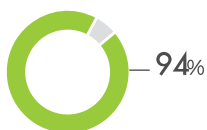
WELCOME TO LASER World of PHOTONICS CHINA

观众对于2019慕尼黑上海光博会在以下几个方面的评价如何

How do visitors evaluate the following aspects of LASER World of PHOTONICS CHINA 2019?



对展品范围的完整性满意
satisfaction of exhibit range completion



对展区划分的清晰度满意
satisfaction of clarity of product range



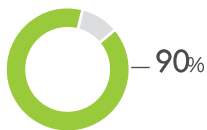
对业内领先企业的参与度满意
satisfaction of industry leader participation



对国内展商的参与度满意
satisfaction of domestic exhibitors participation



对国际展商的参与度满意
satisfaction of international exhibitors participation



作为亚洲领先品牌展会的角色满意
satisfaction of Character of a leading trade fair/ leading role in this branch in Asia



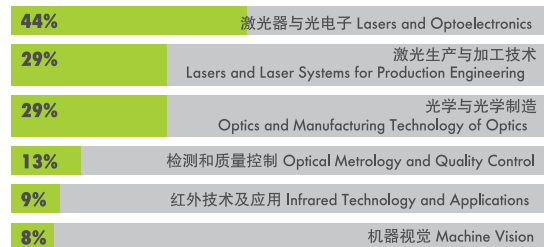
主办方提供的观众信息的质量满意
satisfaction of Quality of visitor information provided by the trade fair company



注册流程满意
satisfaction of Registration procedure

观众感兴趣的展示范围

VISITOR'S INTEREST of DISPLAY RANGE



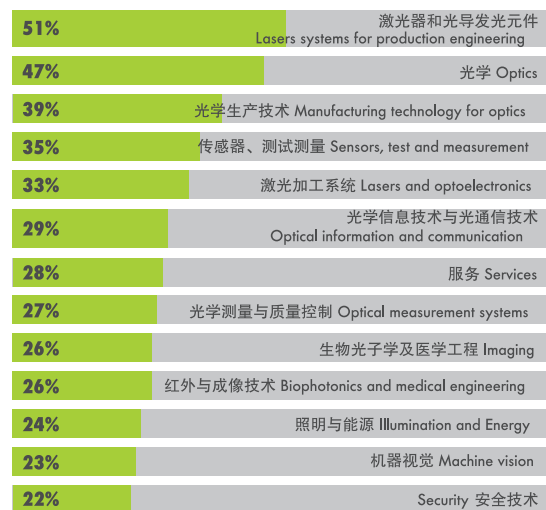
关注六大应用领域

SIX APPLICATION FIELDS

- ◇ 汽车、轨道交通领域
- ◇ 自动化领域
- ◇ 3C电子领域
- ◇ 模具领域
- ◇ 医疗领域
- ◇ 科研领域
- ◇ Rail transit
- ◇ Automation
- ◇ 3C electronics
- ◇ Mold
- ◇ Medical
- ◇ Scientific research

来展会寻找的产品和技术

PRODUCTS AND TECHNOLOGIES TO BE FOUND AT THE SHOW



观众评价

VISITOR SATISFACTION

“参加慕尼黑上海光博会让我们收获满满。除了看到许多琳琅满目的展商产品外，最大的收获就是可以和国内、国际的技术大咖们建立联系，这有利于我们将来的合作和技术的改进。”

赵天琦，中国计量大学 光电学院老师

“我主要从事激光制造方面的工作，对涉及到的激光器特别关心，展会为我们提供了与研制这些的厂家交流的平台。今年的主题是“智能光制造”，新开设了红外论坛，我们也想通过这个论坛了解现在国内这方面的水平。”

吴志波，天文地球动力学研究中心 抬头高级工程师

“我从事的主要是视觉方面的一些产品开发，所以要关注一下关于“光”相关的技术发展。现场关注的产品主要是机器视觉和在车辆上的应用。在展会进行了一些初步的交流，之后会有一些更深入的沟通。”

赵乐，泛亚汽车技术中心 主被动安全系统工程师

Our participation in LASER World of PHOTONICS CHINA has brought us fruitful results. In addition to seeing a lot of products, the more important benefit is that we established contact with technology leaders from China and abroad, which is helpful to our future cooperation and technological improvement.

Tianqi Zhao, Teacher, China University of Metrology/College of Optoelectronics

We are engaged in laser manufacturing and concerned about the lasers exhibited, and the laser developer will also come every year. This year, the theme of the exhibition is "Smart Light Manufacturing", an infrared technology forum is organized for the first time, and we want to know about the current status of the IR technology in China. So I believe LASER World of PHOTONICS CHINA is a must-go exhibition.

Wu Zhibo, Senior Engineer, Astronomical Geodynamics Research Center

Because I am mainly engaged in visual product development, I feel that I should pay more attention to the development of light-related technology. What caught my attention are machine vision technologies and its applications in automobiles. I had some exchanges with the exhibitors and we will have more in-depth communication later.

Zhao Le, Active and Passive Safety System Engineer, Pan Asia Technical Automotive Center

部分优质观众名单 VISITORS (EXCERPT)

汽车、轨道交通 Automobile/Rail Transport

- 比亚迪汽车
BYD
- 中车株洲电力机车研究所
CRRC Zhuzhou Electric Locomotive Institute Co., Ltd.
- 上海中车轨道交通科技有限公司
Shanghai CRRC Rail Transit Technology Co., Ltd.

模具 Moulds

- 青岛海尔模具有限公司
Qingdao Haier Molds Co., Ltd.
- 杭州娃哈哈精密机械有限公司
Hangzhou Wahaha Precision Machinery Co., Ltd.
- 联合材料金刚石模具（苏州）有限公司
Joint Material Diamond Mould (Suzhou) Co., Ltd.

工程机械 Engineering machinery

- 三一重工股份有限公司
SANY HEAVY INDUSTRY CO., LTD
- 徐工集团
XCMG
- 娃哈哈精密机械有限公司
Hangzhou Wahaha Precision Machinery Co., Ltd.

自动化 Automation

- 川崎机器人（天津）有限公司
Kawasaki Robotics
- 哈工大机器人集团
Hit Robot Group
- 三菱电机自动化(中国)有限公司
Mitsubishi Electric Automation (China) Ltd.

医疗 Medicine

- 中国人民解放军总医院
The General Hospital of the People's Liberation Army
- 拜耳医药有限公司
Bayer Pharmaceutical Co., Ltd.
- 西门子医疗
Siemens Healthineers

航空航天/交通运输

- 上海飞机制造有限公司
Shanghai Aircraft Manufacturing Co., Ltd.
- 中国航天科技集团有限公司
China Aerospace Science and Technology Corporation
- 航天长征火箭技术有限公司
Aerospace Long March Launch Vehicle Technology CO., LTD.

3C电子 3C Electronics

- 上海华为技术有限公司
Huawei Technologies Co., Ltd.
- 联想（上海）有限公司
Lenovo Shanghai
- 苹果公司
Apple Inc.

科研 Scientific research

- 上海交通大学
Shanghai Jiao Tong University
- 国防科技大学
National University of Defense Technology
- 上海卫星装备研究所
Shanghai Institute of Satellite Equipment

光学 Optics

- 凤凰光学(上海)有限公司
Phoenix Optical (Shanghai) Co., Ltd.
- 中航华东光电有限公司
AVIC
- 敦南科技(无锡)有限公司
LITEON

电子营销大数据 DIGITAL MARKETING DATA

150,000+
官网访问量
official website
traffic

85,000
社交媒体粉丝量
social media
followers

310,000
电子快讯数据量
E-newsletter
volumn

150+
合作媒体
media partners

200,000
直播流量
live broadcast
volumn

慕尼黑上海光博会，助力行业升级换代
WELCOME TO LASER World of PHOTONICS CHINA



慕尼黑上海光博会

WELCOME TO LASER World of PHOTONICS CHINA

光学技术大会
PHOTONICS CONGRESS CHINA

光学技术大会组织架构

STRUCTURE OF PHOTONICS CONGRESS CHINA

展会同期举办了光学技术大会PHOTONICS CONGRESS CHINA，大会议题丰富，聚焦行业热点话题，主题将包括激光加工、先进激光器、光学技术、红外线成像技术、激光安全、光束分析等新的研发成果和进展，全面覆盖多个激光和光电子领域。大会共吸引了3,826名观众，每场会议都座无虚席，深受专家学者、企业高层、生产研发和工程人员的欢迎。

The PHOTONICS CONGRESS CHINA was held along with the exhibition. The congress features rich topics that cover the entire industry, including new findings and developments in laser processing, advanced lasers, optical technology, infrared imaging technology, laser safety, and beam analysis. The conferences attracted 3,826 audiences - all seats were occupied. The conferences are well accepted by experts and scholars, corporate executives, R & D personnel and production engineers.

光学技术大会 PHOTONICS CONGRESS CHINA

2019年3月20-22日 上海新国际博览中心 www.photonics-congress-china.cn
MARCH 20-22, 2019 Shanghai New International Expo Centre (SNIEC)

第十四届国际激光加工技术研讨会 (LPC 2019)

14th International Laser Processing and Systems Conference (LPC 2019)

光学前沿——第十四届全国激光技术与光电子学学术会议

The 14th National Conference on Laser Technology and Optoelectronics (LTO 2019)

光学产业发展国际论坛

The International Optical Industry Development Forum

第六届中国激光市场高峰论坛

2019 Chinese Laser Market Summit

工业用激光器及系统使用安全培训班
Workshop on Safety of Industrial Lasers and Systems Use

光纤激光器与仿真软件培训班
The Fiber Laser and Simulation Software Training

第十四届国际激光加工技术研讨会 (LPC 2019)

14th International Laser Processing and Systems Conference (LPC 2019)

到场观众 475 人次 | 报告数: 49

475 attendees/ Number of reports:49

主办单位 Organizers:

中国光学学会激光加工专业委员会
Chinese Optical Society-Laser Processing Committee (COS-LPC)

慕尼黑博览集团 Messe München

美国激光学会 Laser Institute of America (LIA)

满意度
Satisfaction
98%

工业用激光器及系统使用安全培训班

Workshop on Safety of Industrial Lasers and Systems Use

到场观众 53 人次 | 报告数: 7

53 attendees/ Number of reports:7

主办单位 Organizers:

中国光学学会激光加工专业委员会
Chinese Optical Society-Laser Processing Committee (COS-LPC)

慕尼黑博览集团 Messe München

满意度
Satisfaction
96%

第六届中国激光市场高峰论坛

2019 Chinese Laser Market Summit

到场观众 152 人次 | 报告数: 8

152 attendees/ Number of reports:8

主办单位 Organizers:

中国光学学会激光加工专业委员会
Chinese Optical Society-Laser Processing Committee (COS-LPC)

慕尼黑博览集团 Messe München

《激光世界》 Laser Focus World

《工业激光解决方案》 Industrial Laser Solutions

满意度
Satisfaction
98%

2019 光学产业发展国际论坛

2019 The International Optical Industry Development Forum

到场观众 244 人次 | 报告数: 12

244 attendees/ Number of reports:12

主办单位 Organizers:

长春理工大学

Changchun University of Science and Technology

上海理工大学

University of Shanghai for Science and Technology

中国科学院苏州生物医学工程技术研究所

Suzhou Institute of Biomedical Engineering and Technology (SIBET), Chinese Academy of Sciences (CAS)

中国科学院苏州纳米技术与纳米仿生研究所

The Suzhou Institute of Nano-tech and Nano-bionics (SINANO), Academy of Sciences (CAS)

慕尼黑博览集团 Messe München

满意度
Satisfaction
97%

第十四届全国激光技术与光电子学学术会议暨

2018中国光学十大进展发布会

Optics Frontier — The 14th National Conference on Laser Technology and Optoelectronics (LTO 2019)

到场观众 600 人次 | 报告数: 300

600 audiences/ Number of reports:300

主办单位 Organizers:

中国激光杂志社 Chinese Laser Press (CLP)

慕尼黑博览集团 Messe München

满意度
Satisfaction
96%

光纤激光器发展及应用、仿真设计高级培训班

Development and Application of Fiber Laser and Simulation Software Advanced Training

到场观众 179 人次 | 报告数: 10

179 attendees/ Number of reports:10

主办单位 Organizers:

中国激光杂志社 Chinese Laser Press (CLP)

慕尼黑博览集团 Messe München

满意度
Satisfaction
96%

其他同期会议

OTHER ACCOMPANYING PROGRAM

红外探测技术前沿论坛

Infrared Detection Technology Frontier Forum

到场观众 309 人次 | 报告数: 10

309 attendees/ Number of reports:10

主办单位 Organizers:

中国科学院上海技术物理研究所
Shanghai Institute of Technical Physics,
Chinese Academy of Sciences (SITP)

慕尼黑展览(上海)有限公司

Messe München Shanghai Co., Ltd.

满意度
Satisfaction
96%

激光雷达技术及应用前沿论坛

LIDAR Technology and Application Frontier Forum

到场观众 341 人次 | 报告数: 7

341 attendees/ Number of reports:7

主办单位 Organizers:

慕尼黑展览(上海)有限公司

Messe München Shanghai Co., Ltd.

满意度
Satisfaction
97%

光学测试与检测前沿论坛

Optical Test and Metrology Frontier Forum

到场观众 161 人次 | 报告数: 7

161 attendees/ Number of reports:7

主办单位 Organizers:

慕尼黑展览(上海)有限公司

Messe München Shanghai Co., Ltd.

中国光学学会光学测试专业委员会 COS-TCOM

满意度
Satisfaction
95%

中国(上海)国际机器视觉技术及工业应用研讨会

China (Shanghai) 2019 Machine Vision Technology & Application Conference

到场观众 1,500 人次 | 报告数: 28

1,500 attendees/ Number of reports:28

主办单位 Organizers:

中国机器视觉产业联盟

China Machine Vision Industry Union (CMVU)

满意度
Satisfaction
93%

总计报告数量 468 场

Total speeches 468

同期会议, 汇聚行业最前沿技术及解决方案
HIGH-PROFILE CONCURRENT EVENTS SHOWCASE INDUSTRY HOT TOPICS



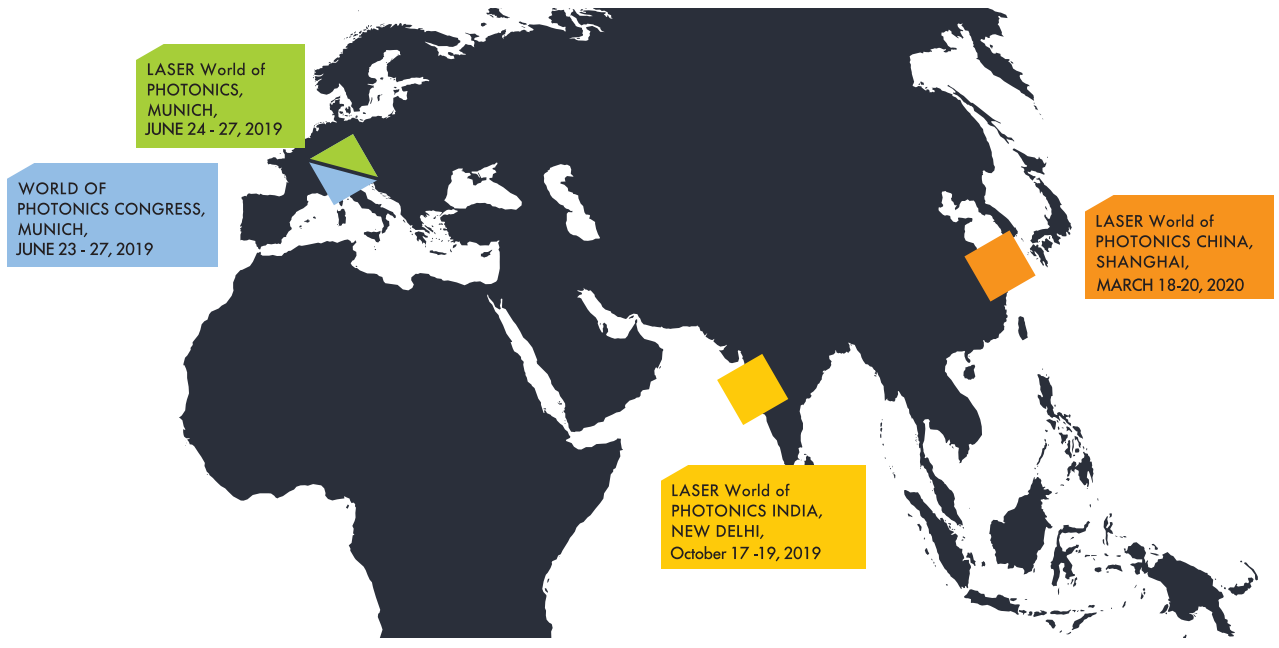


慕尼黑上海光博会

WELCOME TO LASER World of PHOTONICS CHINA

LASER World of PHOTONICS 拥有全球性的展览网络。慕尼黑光博会全球网络及同期会议为激光光电行业及其用户能够轻松进入世界最重要的市场，了解行业创新思维。
慕尼黑国际博览集团是世界领先的激光、光电展览主办方，在慕尼黑、中国和印度共有2,500余家展商和98,000多名观众。

LASER World of PHOTONICS has developed an international trade fair network. Its global network of trade fairs and their congresses represents the most important marketplaces and think tanks for the global laser and photonics industry and its users.
With a total of more than 2,500 exhibitors and more than 98,000 visitors in Munich, China and India, Messe Munchen is the world's leading trade fair organizer for laser and photonics.



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