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2022年3月23-25日

上海新国际博览中心

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MARCH 23-25, 2022

SHANGHAI NEW INTERNATIONAL EXPO CENTRE

慕尼黑上海光博会

LASER World of **PHOTONICS CHINA**





慕尼黑上海光博会

WELCOME TO LASER World of PHOTONICS CHINA

2021年3月17-19日，亚洲激光、光学、光电行业盛会——第十六届慕尼黑上海光博会在上海新国际博览中心W1-W5馆及OW6/OV馆顺利举办。作为一年一度全球高端光电科技行业盛会及2021年光电行业开春大秀，展会现场国内外知名品牌汇聚一堂，以全球化视角展现了光电行业多方位优质产品及创新技术，为现代制造业集中呈现了光电技术未来发展趋势及前景。本届展会共计吸引1,094家企业参展，总展出面积达到63,500平方米。在保障疫情防控及安全观展方针的指引下，为期三天的展会有序地接待了79,453名专业观众莅临现场共襄盛举，同比增长39%。

On March 17-19, 2021, LASER World of PHOTONICS CHINA 2021 was successfully held in the Shanghai New International Expo Center. As an annual high-end event for the optoelectronic technology industry and the first of its kind to open in 2021, LASER World of PHOTONICS CHINA 2021 gathered the leading brands from all over the world to showcase high-quality products and innovative technologies from a global perspective. It presented the future trends in the industry and potentials of optoelectronic technology for modern manufacturing. The exhibition attracted a total of 1,094 exhibitors from 18 countries and covered a total exhibition area of 63,500 square meters. With strict guidelines and measures in epidemic prevention and safety control, the three-day exhibition received 79,453 professional visitors, 39% higher than the previous exhibition.

亮点回顾 HIGHLIGHTS

- ▶ **63,500** 平方米展示面积
- ▶ **1,094** 家展商
- ▶ **79,453** 名专业观众
- ▶ **1,832** 位精英卡用户
- ▶ **110** 个专业买家团
- ▶ **129** 场报告
- ▶ **63,500** square meter
- ▶ **1,094** exhibitors
- ▶ **79,453** professional visitors
- ▶ **1,832** elite card users
- ▶ **110** buyer groups
- ▶ **129** reports

展商满意度持续好评

EXHIBITOR SATISFACTION REMAINS HIGH

98%

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

97%

明年会继续参展

Would attend LASER World
of PHOTONICS
CHINA again

90%

对展会评价非常满意

Were very satisfied
with LASER World
of PHOTONICS CHINA

89%

对观众质量满意

Were very satisfied
with quality of visitors

展商对哪方面满意

Exhibitor Assessment of Laser World of PHOTONICS CHINA



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



展会的推广满意
Promotion of the
trade fair



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

* 来源：2021展商调研问卷
Source: exhibitor survey report 2021

展商评价

EXHIBITOR SATISFACTION

疫情当下，企业的关键在于创新，尤其需要重视对人才的投入和产业链的整合。激光行业目前来说整体仍是不断向上发展的趋势，行业的渗透率还是很强的，激光技术没有边界，在各行各业的应用面还会不断扩大。当下，无人化、智能化将是激光行业的未来发展趋势。我们公司从第一届开始，一直参加慕尼黑上海光博会。慕尼黑上海光博会为行业内互相学习、互相交流、同台竞技提供路径，是我们这些企业共同打造产业链、供应链的平台。希望通过这次展会，向更多优秀企业及大公司学习请教。

邓家科，武汉华工激光工程有限责任公司，总经理/教授级高工

Under the influence of the Covid-19 pandemic, the key to business success is innovation. In particular, we need to increase the investment in talents and the integration of the industrial chain. At present, the laser industry as a whole is still in steady growth. The expansion of applications in new markets is still very strong. Laser technology has no boundaries, and its applications will continue to expand. At present, unmanned and intelligent technology is the major trend in the laser industry. We have participated in LASER World of PHOTONICS CHINA since the first edition. The show has provided an opportunity for the industry to learn, communicate, and compete with each other. It is a platform for us to jointly build an industrial chain and supply chain. I hope to learn from other outstanding enterprises and leading companies through this show.

Deng Jiakou, General Manager/Professor Level Senior Engineer, Wuhan HGLaser Engineering Co., Ltd.

从2009年开始，每一届慕尼黑上海光博会我们都参加了。此次展会完全超出了我们的预期，来展台上参观的人数几近爆满。我们非常重视慕尼黑上海光博会，希望会有更多的观众团来到我们展台进行参观和更深度的交流，下一届展会我们一定会继续参加。

刘宇凌，武汉锐科光纤激光技术股份有限公司，市场策划经理

Since 2009, we have participated in every edition of LASER World of PHOTONICS CHINA. This year, the show completely exceeded our expectations, and we have a full booth of people almost all the time. We highly value the LASER World of PHOTONICS CHINA show, and we hope that more visitor groups will come to our booth and make more in-depth exchanges. We will definitely participate in the next exhibition.

Liu Yuling, Brand and Marketing Manager, Wuhan Raycus Fiber Laser Technologies Co., Ltd.

这是我们公司第二次参加慕尼黑上海光博会，从基础研究到产业应用展示，慕尼黑上海光博会为我们呈现了一场光电行业的视觉盛宴，是不容错过的业内展会。个人认为光电行业未来将向更多新材料、新领域拓展，将提供更小、更快的应用产品，呈现多维度、多谱段、智能化发展趋势。希望下一届展会能够加大细分领域的关注度和宣传，为上下游产业提供更多合作契机。

余广友，烟台艾睿光电科技有限公司，市场总监

This is the second time that we have participated in LASER World of PHOTONICS CHINA. From basic research to industrial applications, the show presents a visual feast of advances in the optoelectronics industry. It is a show you cannot afford to miss. I believe that in the optoelectronic industry, there will be more new materials and applications in the future, and we will provide smaller and faster products that are multi-dimensional, diversified, and intelligent. We hope that the next show can give more attention to the special segments in the industry, and provide more cooperation opportunities between the upstream and downstream industries.

Yu Guangyou, Marketing Director, IRay Technology Co., Ltd.

现在中国经济活跃，市场乐观，半导体一直是增长趋势，近两年成长很快，很有前景。这是我们第五次参展慕尼黑上海光博会，比去年观众多了非常多，展馆场地非常满意，遇到了很多意向客户，商谈融洽，也达成了我们的目标。希望慕尼黑上海光博会越来越好，规模越来越大，观众越来越多。

芳泽厚志，三丰精密量仪（上海）有限公司，企画部部长

Optoelectronic technology will be more widely used in our lives as a society and individuals. Since I joined the company, I have participated in LASER World of PHOTONICS CHINA every year. It is good to be able to attend such a large exhibition at this time, and there are a lot of people. I hope the exhibition will develop even better.

Feng Long, East China Sales Director, Hexagon Metrology Vision



中国（上海）机器视觉展是康耐视非常重视的展会之一，我们在这次展会中遇到很多质量不错的观众和友商。主办方给了客户和我们交流的一个平台，我们非常满意现场的观众数量，也有重要客户和意向客户在进一步的接触过程中。另一方面，我们希望通过这个平台与行业友商能有相互的交流和合作。我们明年也会继续参加中国（上海）机器视觉展，我们认为展会水平已经非常高，期望明年展会能规模越来越大，展商越来越多。

黄恺，康耐视视觉检测系统（上海）有限公司，华东区域销售总监

VisionChina (Shanghai) is one of the exhibitions that Cognex attaches great importance to. We met many good quality visitors and friends in the exhibition. The organizer gave customers a venue to communicate with us. We are very satisfied with the number of visitors on site, and we are keeping touch with some VIP customers and potential customers. On the other hand, we hope to have exchanges and cooperation with our colleagues through this platform. We will continue to participate in VisionChina (Shanghai) next year. We believe that the exhibition is already of very high quality. We hope that next year the exhibition will become larger and accommodate more exhibitors.

Huang Kai, Sales Director (East China Region), Cognex Vision Inspection System (Shanghai) Co., Ltd.

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

2021年展馆布局图 2021 HALL ASSIGNMENTS



W5/OW6

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

W4

检测与质量控制展区
Optical Metrology and
Quality Assurance

W4

红外技术与应用产品特色展示
Infrared Technology and
Application Special Exhibit

W3/W4

激光器与光电子展区
Lasers and Optoelectronics

W2/OW6

激光智能制造展区
Lasers and Laser Systems for
Production Engineering

W1/OV

Vision China
www.visionchina.org.cn
Shanghai 2021

中国（上海）机器视觉展
暨机器视觉技术及工业应用研讨会
VisionChina (ShangHai)

展区介绍

EXHIBITION SEGMENTS

激光智能制造展区

Lasers and Laser Systems for Production Engineering

激光智能制造致力于让中国寄希望于制造更高价值的产品。在过去的一年中，尽管全球经济形势跌宕起伏，但激光行业和激光技术研究领域依旧取得了许多令人振奋的新成就。2021慕尼黑上海光博会旨在为激光行业提供技术创新展示，不断开拓激光运用的重要平台。激光智能制造展区展示范围覆盖材料加工系统、激光加工系统组件、激光增彩制造、各类材料激光加工系统、其他激光应用系统、有机和印刷电子产品的激光生产系统、材料加工原材料、系统整合等等。2021慕尼黑上海光博会W2馆为激光行业提供技术创新，开拓了激光领域新应用。

Laser manufacturing and processing is an important tool for China to produce higher-value products. In the past year, despite the ups and downs of the global economy, many exciting new achievements have been made in the laser industry and laser technology research. LASER World of PHOTONICS CHINA 2021 aims to provide a platform of laser and laser application innovations. The laser manufacturing and processing area covers material processing systems, components, additive manufacturing, laser application systems, laser manufacturing systems for organic and printed electronic products, raw materials, integrated systems and more. LASER World of PHOTONICS CHINA 2021 showcased laser technology innovations in hall W2.

部分知名展商 Exhibitors (Excerpt)



激光器与光电子展区

Lasers and Optoelectronics

2020年是激光器诞生的60周年，而在后疫情时代下，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。激光器与光电子展区展示范围覆盖固体激光器、气体激光器、二极管激光器、光纤激光器、其他激光器、激光系统元件、激光器零部件、激光防护设备、发光二极管、有机发光二极管、非相干光和发光源、电子光学、声光元器件、光电管、光电元件、光学系统、光学力、激光及光学软件、贴装和装配系统等。2021慕尼黑上海光博会在W3/W4汇聚了新技术新应用。

The year 2020 marks the 60th anniversary of the laser technology. In the post-Covid-19 era, laser companies around the world are constantly upgrading their products to further improve processing efficiency and reduce costs. The Laser and Optoelectronics area covers solid lasers, gas lasers, diode lasers, fiber and other lasers, parts and components, laser safety equipment, light-emitting diodes, organic light-emitting diodes, incoherent light sources, electronic optics, acousto-optic

components, photoelectric cells, optoelectronic components, optical systems, optical power, laser and optical software, mounting and assembly systems, etc, all of which can be found in LASER World of PHOTONICS CHINA 2021 at Halls W3/W4.

部分知名展商 Exhibitors (Excerpt)



检测与质量控制展区

Inspection and Quality Control

测试与检测是工业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。2021年慕尼黑上海光博会的W4馆会检测与质量控制展区为您呈现多方位、多层次的解决方案。在这样一个智能化时代下，国内外知名企业，汇聚一堂为您展示最新技术及产品应用。

Testing and inspection are crucial for the guarantee of product quality, processing accuracy and performance in industrial design and manufacturing. It is widely used in the automotive industry, aerospace, intelligent manufacturing and other major industries. At LASER World of PHOTONICS CHINA 2021, the Inspection and Quality Control area at Hall W4 presented multi-faceted and multi-level solutions from leading Chinese and overseas companies.

部分知名展商 Exhibitors (Excerpt)



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。

2021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“2021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。

慕尼黑上海光博会

WELCOME TO LASER World of PHOTONICS CHINA

展区介绍 EXHIBITION SEGMENTS

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. 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 2021, the "Infrared Technology and Applications Special exhibit " area at Hall W4, together with the "2021 Infrared Detection Technology Frontier Forum", brought the latest infrared technology, products, as well as their applications in different fields.

部分知名展商 Exhibitors (Excerpt)



光学与光学制造展区 Optics and Manufacturing Technology of Optics

智能时代下，光学制造区不断在升级创新，作为目前全球极具影响力的光学行业盛会，光学与光学制造主题展区将在2021年慕尼黑上海光博会的W5馆汇集了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。

In the age of intelligent technology, the Optics and Manufacturing Technology of Optics area is constantly upgrading and innovating. The area gathered the latest technological highlights in Hall W5 at LASER World of PHOTONICS CHINA 2021, the leading influential optical industry event. The exhibition covers optical materials, components, lens components, systems, optical processing equipment, optical coatings, lenses and cameras, security and monitoring products, equipment and technologies.

部分知名展商 Exhibitors (Excerpt)



中国（上海）机器视觉展暨机器视觉技术及工业应用研讨会 Vision China



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、专业性及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附件，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 focused on machine vision and artificial intelligence and address hot topics and trends in the industry. With cutting-edge technology and the latest practices, they provided an effective communication platform for enterprises, professionals and users!

部分知名展商 Exhibitors (Excerpt)



观众满意度再次增长 VISITOR SATISFACTION

99%

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

98%

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

96%

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

96%

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

观众来源（按行业） VISITORS' INDUSTRY SECTORS

| | |
|-----|---|
| 33% | 光学 Optics |
| 18% | 电气工程/电子/半导体 Electrical engineering/Electronics/Semiconductors |
| 14% | 工具制造/工程机械 Tool making/Engineering machinery |
| 5% | 航天/航空 Aviation/Aerospace |
| 4% | 汽车工程 Automotive engineering |
| 4% | 高等院校 Colleges/Universities |
| 3% | 商贸 Trade with optical technologies |
| 2% | 医疗/生物技术 Medicine/Biotechnology |
| 2% | 专业技术服务 Skilled trade |
| 2% | 化工/制药行业 Chemical/Pharmaceutical industry |
| 2% | 非大学研究机构 Non-university research institutes |
| 2% | 服务 Services |
| 2% | 数据处理/电信 Data processing/Telecommunications |
| 1% | 行政管理/政府当局 Public administration/Public authorities |
| 1% | 环境监测 Environmental monitoring |
| 1% | 广告/印刷/制图 Advertisement/Printing/Graphics |
| 1% | 交通运输 Traffic and transport |

*多选 Multiple responses possible

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

| | |
|-----|----------------------------------|
| 22% | 管理 Management/Head of Company |
| 18% | 应用研发 Applied R&D |
| 11% | 研发管理 R&D management |
| 10% | 基础研究 Basic Research |
| 10% | 销售/市场 Sales/Marketing |
| 8% | 设计 Design |
| 8% | 制造/生产 Manufacturing/Production |
| 5% | 学生/非就业 Pupil/Student/Not Working |
| 2% | 采购 Purchasing/Procuring |
| 2% | 工程 Engineering |
| 2% | 质量管理 Quality Management |
| 1% | 培训 Training |

*多选 Multiple responses possible

观众采购决策力 HIGH DISCRETIONARY COMPETENCE

| | |
|-----|--------------------------------------|
| 50% | 为决策者提供评估信息或推荐 Evaluate and recommend |
| 21% | 最终决定权 Final decision |
| 13% | 指定具体型号或需求 Specify |
| 16% | 不在决策范围内 Not involved |

* 来源：2021 观众调研问卷
Source: visitor survey report 2021

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

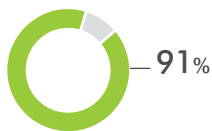


慕尼黑上海光博会

WELCOME TO LASER World of PHOTONICS CHINA

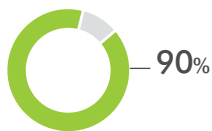
您对于2021慕尼黑上海光博会在以下几个方面的评价如何

How do you evaluate the following aspects of LASER World of PHOTONICS CHINA 2021?



对展品范围的完整性满意

Satisfaction of exhibit range completion



对国内展商的参与度满意

Satisfaction of domestic exhibitors participation



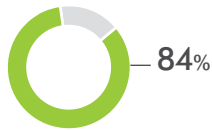
对业内领先企业的参与度满意

Satisfaction of industry leader participation



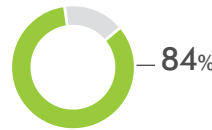
对展区划分的清晰度满意

Satisfaction of clarity of product range



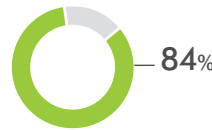
对展会推广的满意度

Satisfaction of promotion of the trade fair



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

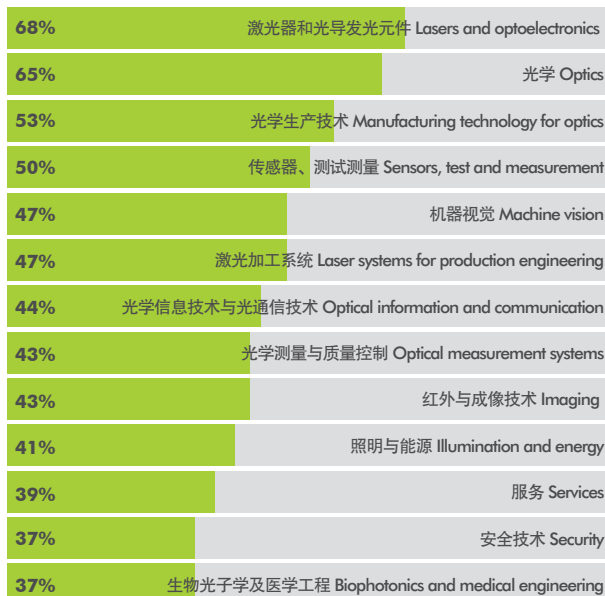


注册流程满意

Satisfaction of Registration procedure

来展会寻找的产品及技术

PRODUCTS AND TECHNOLOGIES TO BE FOUND AT THE SHOW



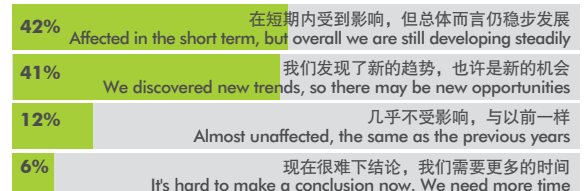
观众感兴趣的展示范围

VISITOR'S INTEREST of DISPLAY RANGE



新冠疫情对行业的影响

The effects of the COVID-19 pandemic in the industry



观众评价

VISITOR SATISFACTION

此次我们公司属于医疗行业，在后疫情阶段医疗行业对精度的要求会越来越高，在检测和植入体方面会更加适应人体。我们在展前就对本次展会的同期活动进行了大概的了解，计划参加视觉分析和光学检测这两个论坛。这是我第三次来参观慕尼黑上海光博会了，参观的主要目的就是了解市场主流趋势，学习设备仪器的发展阶段，让我们公司也通过学习不断进步。未来希望在慕尼黑上海光博会上看到更多的加工设备进行现场工作展示，让我们参观者对实际加工有更直观的印象，预祝展会越来越好。

陈克献，上海六晶科技股份有限公司，材料工程师

We are from the medical industry. In the post-pandemic phase, the medical industry will demand higher accuracy, and it will provide more testing and implants that are adapted to the human body. We had an overview of the support programs of the show before we came, and planned to participate in the two forums about visual analysis and optical inspection. This is my third visit to LASER World of PHOTONICS CHINA. My main purpose is to find out about the mainstream market trends, the latest equipment and instruments, so we can continue to make progress. In the future, I hope to see more on-site demonstrations at the show, so we visitors will have a more personal experience of the actual process. I wish the show better and more influential.

**Chen Keyou, Material Engineer,
Shanghai Leading Technology Co., Ltd.**

我们是从事一般工业、钢铁行业。疫情之后大家对光感很感兴趣，激光行业也发展的比较迅速。我觉得中国在激光行业的应用会越来越广泛，整个行业也会越来越深入。这届慕尼黑上海光博会展商质量非常不错，行业里面知名展商基本都过来参展了，给我们提供了很好的交流学习平台，下一次我们还会继续参观。

柯重建，上海华常智能系统有限公司，机器人与智能装备事业部经理

Our company is engaged in the general industry and steel industry. After the pandemic broke out, everyone is interested in optical monitoring, and the laser industry has developed relatively rapidly. I think laser applications in China will increase, and the technology will be involved deeper in our economy. The quality of exhibitors this year is very good. Nearly all the well-known exhibitors in the industry have come, which provides us a good platform for communication and learning from each other. We will continue to visit next time.

Ke Chongjian, Manager, Baosmart Intelligent System Co., Ltd

我主要从事光通信行业，对今年慕尼黑上海光博会还是比较满意的。现场见到了大量头部激光加工产业链企业。后疫情时期，光电的应用将更加与我们的工作生活息息相关，传统技术加工将走向激光应用加工，3C的应用也将更加深入生活，对加工工艺、效率和成本提出更高的要求，这些都会为光电行业的发展带来机会。我们最感兴趣的是中国激光市场高峰论坛相关话题，包括从产业链角度打造激光高端应用光纤激光的新发展与新征程等。我是第一次参加慕尼黑上海光博会，下届还会继续来参观。

谢卫强，华为技术有限公司，高级营销经理

I am mainly engaged in the optical communication industry, and I am quite satisfied with LASER World of PHOTONICS CHINA 2021. A large number of leaders in the laser processing industry have participated in the show. We are most interested in topics related to the China Laser Market Summit, including the new development in high-end fiber laser applications from the perspective of the industry chain. This is the first time I participate in the show, and I will definitely visit again next time.

Xie Weiqiang, Senior Marketing Manager, Huawei Technologies Co., Ltd.



这次我们公司是组团来的，这是我第二次参加中国（上海）机器视觉展，本次展会的参展单位规模大，涵盖的新技术，对我了解机器视觉行业动态和前沿技术很大的帮助，还会参加下一届中国（上海）机器视觉展。

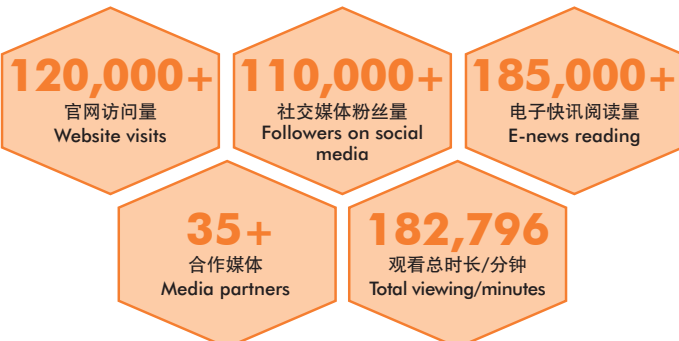
孙波，3M中国有限公司，技术工程师（中国）

This year our company came as a group. This is my second participation in VisionChina (Shanghai). There are a lot of exhibitors and they have brought many new technologies, so the exhibition has helped a lot for me to gain an understanding of the trends and cutting-edge technologies in the machine vision industry. I will participate in the next VisionChina (Shanghai).

Sun Bo, Technical Engineer, 3M (China) Co., Ltd

电子营销大数据

OTHER ACCOMPANYING PROGRAM



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

优质观众名单 VISITORS

汽车/轨道交通 Automotive/Traffic and transport

- 宝马
BMW
- 上海比亚迪汽车
BYD
- 上海蔚来汽车有限公司
Nio Co., Ltd.
- 一汽大众汽车有限公司
FAW-Volkswagen
- 联合汽车电子有限公司
United Automotive Electronic Systems Co., Ltd.
- 上汽通用汽车有限公司
Saic General Motors Corp. Ltd.
- 摩登汽车
MODERN AUTO
- 长城汽车
GWM
- 采埃孚传动系统零部件上海有限公司
Zf Powertrain Modules Shanghai Co., Ltd.
- 博世汽车部件（苏州）有限公司
Bosch Auto Parts(suzhou) Co., Ltd.

3C电子 3C Electronics

- 华为技术有限公司
Huawei Technologies Co., Ltd.
- 松下电器
Panasonic
- 歌尔股份有限公司
Goertek Inc.
- Intel
- 格力电器
GREE
- 富士康科技集团
FOXCONN
- OPPO
- 美的清洁电器股份有限公司
Midea Chunhua Electric Appliance Co., Ltd.
- VIVO
- 北京小米移动软件有限公司
Beijing Xiaomi Mobile Software Co., Ltd.

医疗 Medicine

- 执鼎医疗科技（杭州）有限公司
Zhiding Medical Technology (hang Zhou) Co., Ltd.
- 齐鲁制药有限公司
Qilu Pharmaceutical Co., Ltd.
- 北京金旭仪科医疗器械有限公司
Beijing Jinxu Yike Medical Device Co., Ltd.
- 上海微创医疗机械（集团）有限公司
MicroPort (Shanghai) MedBot Co., Ltd.
- 上海荧辉医疗器械有限公司
Shanghai Fluotek Diagnostics Co., Ltd.
- 上海第十五制药厂
Shanghai Medical No.15 Pharmaceutical Factory Co., Ltd.
- 北京金诺美生物技术有限公司
Beijing Genome Bio-technology Co., Ltd.
- 爱尔博（上海）医疗器械有限公司
Erbe China Ltd.

- 北京图湃医疗科技有限公司
Beijing Topi Medical Technology Co., Ltd.
- 同科林医疗仪器（上海）有限公司
Clin MEDICAL Instrument (SHANGHAI) Co., Ltd.

自动化 Automation

- 比勒（上海）自动化技术有限公司
BST Eltromat International (Shanghai) Co., Ltd.
- 上海嘉励自动化科技有限公司
Shanghai Jiali Automation Technology Co., Ltd.
- 创远自动化科技有限公司
Kaifa Trading Co., Ltd.
- 北京发格自动化设备有限公司
Beijing Fagor Automation Equipment Co., Ltd.
- 北京北科麦思科自动化工程技术有限公司
Beijing Beike Masic Automation Engineering Technology Co., Ltd.
- 杭州元一自动化有限公司
Hangzhou Yuanyi auto Co., Ltd.
- 海康机器人
Hikrobot
- 通用电气公司
General Electric Company
- 上海嘉强自动化技术有限公司
Shanghai Empower Technologies Co., Ltd.
- 上海电气自动化集团
Shanghai Electric Automation Group

5G通讯 5G Communication

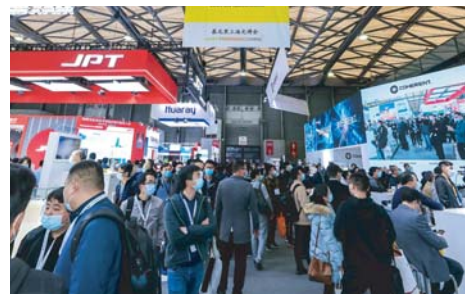
- 华为技术有限公司
Huawei Technologies Co., Ltd.
- 索尼公司
SONY
- 思科
Cisco
- 联想（上海）电子科技有限公司
Lenovo (shanghai) Electronics Technology Co., Ltd.
- 中兴通讯股份有限公司
ZTE Corporation
- 小米通讯技术有限公司
Xiaomi Communications Co., Ltd.
- 摩托罗拉（武汉）移动技术通信有限公司
Motorola (Wuhan) Mobility Technologies Communication Co., Ltd.
- 中国移动研究院
China Mobile Research Institute
- TCL通讯
TCL Communication
- 北京（浙江）5G研究院
Beijing (Zhejiang) 5G Research Institute

科研 Science

- 中国科学院上海生命科学研究院
Shanghai Institutes for Biological Sciences
- 中国科技技术大学上海研究院
Shanghai Institute for Advanced Studies of University of Science & Technology of China
- 中国南方工业研究院
South China Industrial Research Institute
- 中红外激光科研研究院
Mid Infrared Laser Research Institute
- 北京大学长三角光学科学研究所
Yangtze River Delta Optical Science Institute, Peking University
- 上海船舶设备研究所
Shanghai Marine Equipment Research Institute
- 航空工业研究所
Institute of Aeronautical Industry
- 清华大学
Tsinghua University
- 复旦大学
Fudan University
- 中国核动力设计研究院
Nuclear Power Institute of China

部分组团观众名单 THE GROUP AUDIENCE LIST

- TCL华星光电
China Star Optoelectronics Technology Co., Ltd.
- 北京图湃影像科技有限公司
Topi Imaging Technology Co., Ltd.
- 华为技术有限公司
Huawei Technologies Co., Ltd.
- 博世汽车部件（苏州）有限公司
Bosch Auto Parts(suzhou) Co., Ltd.
- 安徽航天生物科技股份有限公司
Anhui Aerospace Biotechnology Co., Ltd.
- 常州微亿智造
Changzhou Microintelligence
- 日井汽车零部件上海有限公司
USUI Automotive Parts (Shanghai) Co., Ltd.
- 曼德电子电器有限公司保定光电分公司
Mind Electronics Appliance Ltd., baoding Optoelectronics Division
- 南京孚翔电子科技有限公司
Nanjing Fuxiang Electronic Technology Co., Ltd.
- 宁波福尔达智能科技有限公司
Ningbo Fuerda Smartech Co., Ltd.
- 上海义义实业有限公司
IAE Industrial Group Co., Ltd.
- 上海羿润自动化科技有限公司
Shanghai Yirun Automation Technology Co., Ltd.
- 舍弗勒（中国）有限公司
Schaeffler (China) Co., Ltd.
- 上海旦迪通信技术有限公司
Shanghai Dandi Communication Technology Co., Ltd.
- 上海钜成锐讯科技有限公司
Shanghai Jucheng Ruixun Technology Co., Ltd.
- 泰尔茂医疗产品（杭州）有限公司
Terumo Medical Products (Hangzhou) Co., Ltd.
- 深圳市海思半导体有限公司
Hisilicon Technologies Co., Limited
- 深圳市联明电源有限公司
Shenzhen Lianming Power Co., Ltd.
- 亿光电子(中国)有限公司
Everlight Electronics (China) Co., Ltd.
- 执鼎医疗科技
Zhiding Medical Technology
- 北京航空航天大学
Beijing University of Aeronautics and Astronautics
- 同济大学
Tongji University
- 北京市电加工研究所
Beijing Electricity Processing Research Institute
- 中国科学院脑科学与智能技术卓越创新中心
Center for Excellence in Brain Science and Intelligent Technology, Chinese Academy of Sciences



* 以上名单仅为部分，欲知更多请见官网 More details please refer to our website

光学技术大会组织架构 STRUCTURE OF PHOTONICS CONGRESS CHINA

光学技术大会
PHOTONICS CONGRESS CHINA

亚洲光学技术大会PHOTONICS CONGRESS CHINA与慕尼黑上海光博会同期举办。本届大会旗下包括第十六届国际激光加工技术研讨会（LPC2021）、第八届中国激光市场高峰论坛、2021“中国光学智造2025”（上海）高端论坛和工业用激光器系统使用安全培训班。展会同期还举办了中国国际机器视觉技术及工业应用研讨会、红外探测技术前沿论坛、光学检测与智能制造论坛、激光雷达技术及应用前沿论坛和光子硬科技产业投融资论坛。主题包含激光加工、先进激光器、光学技术、红外线成像技术、激光雷达、激光安全、光束分析等新研发成果和进展，全面覆盖多个激光和光电子领域。国内外众多知名学者出席，呈现了多场学术与智慧碰撞的学术盛宴。同期大会共吸引4,854观众，现场座无虚席。

The PHOTONICS CONGRESS CHINA 2021 was held along with LASER World of PHOTONICS CHINA 2021. It included nine forums and over 100 VIP speeches. The Congress is made up of the 16th International Laser Processing and Systems Conference (LPC 2021), 2021 Chinese Laser Market Summit, 2021 Optical Made in China 2025 Forum (Shanghai) and Workshop on Safety of Industrial Lasers and Systems Use. Meanwhile, VisionChina (Shanghai) 2021, Infrared Detection Technology Frontier Forum, Optical Metrology and Intelligent Manufacturing Forum, LIDAR Technology and Application Frontier Forum, The Photonics Field of Key & Core Technology Industry Investment Forum were also well organized during the exhibition. Conference themes included new research findings and developments in a wide range of areas: laser processing, advanced laser, optical technology, infrared imaging technology, LIDAR, laser safety, beam analysis, etc. The conferences were fully booked and attracted a total of 4,854 visitors.

第十六届国际激光加工技术研讨会 (LPC 2021)
16th International Laser Processing and
Systems Conference (LPC 2021)

线上观看 Online visitor: 5733 人次
报告数 Amounts of reports: 37

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
98%

第八届中国激光市场高峰论坛
China Laser Market Summit 2021

现场观看 Onsite visits: 119 人次
报告数 Amounts of reports: 11

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
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

现场观看 Onsite visits: 20 人次
报告数 Amounts of reports: 3

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
国家激光加工产业技术创新战略联盟
Technological Innovation Strategic Alliance of
National Laser Processing Industry

满意度
Satisfaction
96%

2021“中国光学智造2025”（上海）高端论坛
2021 Optical Made in China 2025 Forum

现场观看 Onsite visits: 254 人次
报告数 Amounts of reports: 10

主办单位 Organizers:

复旦大学 Fudan University
香港理工大学
Hong Kong Polytechnic University
上海理工大学
University of Shanghai for Science and Technology
中国科学院长春光学精密机械与物理研究所
Changchun Institute of Optics, Fine Mechanics
and Physics, Chinese Academy of Sciences
慕尼黑博览集团 Messe München

满意度
Satisfaction
97%

其他同期会议 OTHER ACCOMPANYING PROGRAM

激光雷达技术及应用前沿论坛
LIDAR Technology and Application Frontier Forum

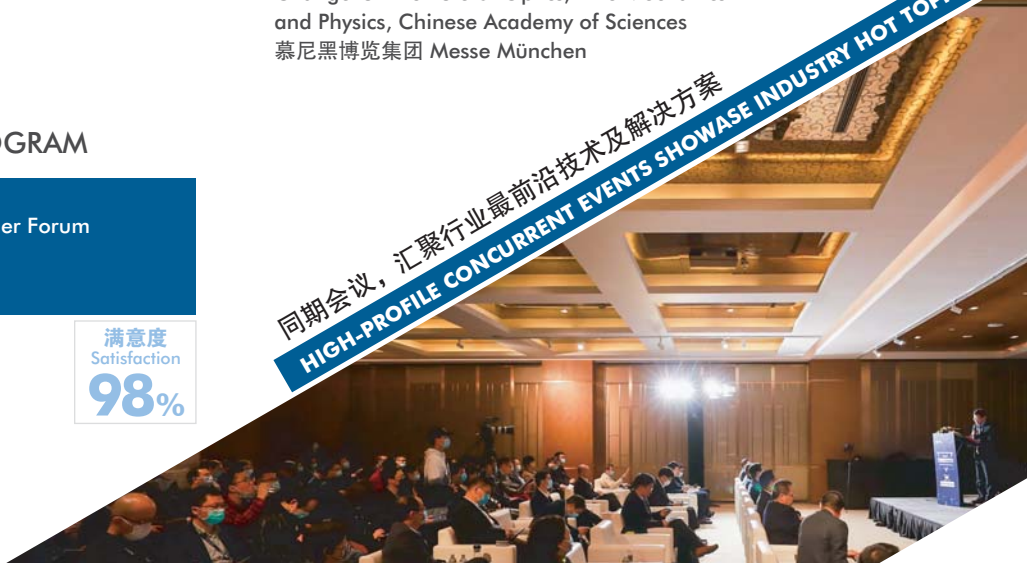
现场观看 Onsite visits: 238 人次
报告数 Amounts of reports: 8

主办单位 Organizers:

慕尼黑展览（上海）有限公司
Messe Muenchen Shanghai Co., Ltd.

满意度
Satisfaction
98%

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



红外探测技术前沿论坛
Infrared Detection Technology Frontier Forum

现场观看 Onsite visits: **98 人次**
报告数 Amounts 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 of the
Chinese Academy of Sciences (SITP)
慕尼黑展览(上海)有限公司
Messe Muenchen Shanghai Co., Ltd.

满意度
Satisfaction
98%

光子硬科技产业投融资论坛
The Photonics Field of Key & Core Technology Industry
Investment Forum

现场观看 Onsite visits: **308 人次**
报告数 Amounts of reports: **11**

主办单位 Organizers:

北京中科创星科技服务有限公司 CASSTAR
慕尼黑展览(上海)有限公司
Messe München Shanghai Co., Ltd.

满意度
Satisfaction
97%

光学检测与智能制造论坛
Optical Metrology and Intelligent Manufacturing Forum

现场观看 Onsite visits: **224 人次**
报告数 Amounts of reports: **8**

主办单位 Organizers:

中国光学学会光学测试专业委员会
COS-TCOM
慕尼黑展览(上海)有限公司
Messe Muenchen Shanghai Co., Ltd.

满意度
Satisfaction
96%

中国(上海)国际机器视觉技术及工业应用研讨会
China (Shanghai) Machine Vision Technology &
Application Conference

现场观看 Onsite visits: **1098 人次**
报告数 Amounts of reports: **31**

主办单位 Organizers:

机器视觉产业联盟
Machine Vision Industry Union of ZGC (CMVU)

满意度
Satisfaction
95%

总计报告数量 Total amounts of reports: 129

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使得激光光电行业及其用户能够轻松进入世界重要市场、了解行业创新思维。

慕尼黑国际博览集团是世界知名的激光、光电展览主办方,在慕尼黑、中国和印度共有2,200余家展商和83,000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 2,200 exhibitors and more than 83,000 visitors in Munich, China and India, Messe Muenchen is the world's leading trade fair organizer for laser and photonics.

联系方式 Contact Us

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中国上海 Shanghai
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电话 Tel: +86-21-2020 5500
传真 Fax: +86-21-2020 5688
laser@mm-sh.com

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