







2022年3月23-25日 上海新国际博览中心

MARCH 23-25, 2022 SHANGHAI NEW INTERNATIONAL EXPO CENTRE

慕尼黑上海光博会 LASER 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。在保障防疫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,同比去年增长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

square meter

1,094

家展商 exhibitors 229

79,453

名专业观众 professional visitors



1,832

位精英卡用户 elite card users



110

个专业买家团 buyer groups



129

场报告 reports



展商分析 EXHIBITOR ANALYSIS

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%

付展会评价非常满意

Were very satisfied with LASER World of PHOTONICS CHINA

89%

对观众质量满意

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

* 来源: 2021展商调研问卷

Source: exhibitor survey report 2021



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





展商评价 **EXHIBITOR SATISFACTION**

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

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。

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.

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 Liv Yuling, Brand and Marketing Manager, Wuhan Raycus Fiber Laser Technologies 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。

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.

余广友, 烟台艾睿光电科技有限公司, 市场总监 Yu Guangyou, Marketing Director, IRay Technology 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。

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.

芳泽厚志,三丰精密量仪(上海)有限公司,企画部部长 Feng Long, East China Sales Director, Hexagon Metrology Vision

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。

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.



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

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。

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

2022年展馆布局图 2022 HALL ASSIGNMENTS





W2

W3

W4

W5

OW6

OW8

W5/OW8



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)

W4/OW6

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

W3

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

////// w3 //////

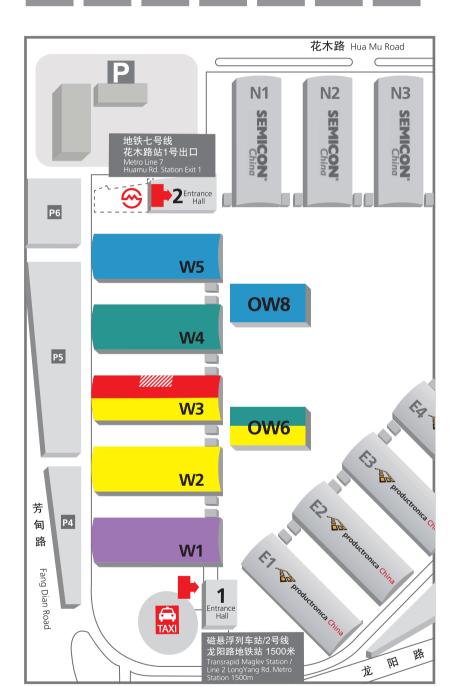
红外技术与应用产品特色展示 Infrared Technology and Application Special Exhibit

W2/W3/OW6

激光器与光电子展区 Lasers and Optoelectronics

W1

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



LASER PHOTONICS CHINA

展区介绍 **EXHIBITION SEGMENTS**



激光智能制造展区

Lasers and Laser Systems for Production **Engineering**

在十四五规划下,工业制造与科技创新必然占了重要部分, 作为"智能制造2025"战略的重要环节,激光智能制造已 然成为不可或缺的支撑技术。在之前整个"十三五"计划五 年时间, 我国激光行业和激光技术研究领域取得了许多令人 振奋的新成就。2022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。2022慕尼黑上海光博会将在W1馆为激 光行业提供技术创新, 开拓激光领域新应用。

Under the regulation of the 14th Five Year Plan, the industrial manufacturing and technology innovation have no doubts taken an important part in the plan. As a key link of "Intelligent Manufacturing 2025", Laser and laser systems for product engineering has become a vital supporting technology nowadays. During the past five years of the 13th Five Year Plan, China has made tremendous new achievements in laser industry and laser technology researching. LASER World of PHOTONICS CHINA 2022 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 2022 will showcase laser technology innovations in hall W1.





激光器与光电子展区 Lasers and Optoelectronics

激光器作为激光产业链中游环节和激光设备核心部件, 意 义重大,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。2022 慕尼黑 上海光博会将在 W2/W3/OW6 汇聚新技术新应用。

Laser, as the midstream segment of laser industry and a core component of laser machine, has significant meaning to the profession. 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 2022 at Halls W2/W3/OW6.



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。2022 年慕尼黑上海光博的 W3 馆会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。在这样一个智能化时代下,国内外知名企业,汇聚一堂为您展示创新技术及产品应用。

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 2022, the Inspection and Quality Control area at Hall W3 presented multi-faceted and multi-level solutions from leading Chinese and overseas companies. In such an intelligent era, well-known enterprises at home and abroad will gather to show the innovative technology and product applications.

部分知名展商 Exhibitors (Excerpt) Mitutoyo A REXAGON A R

* 以上Logo排名不分先后 In no particular order





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,民用市场在电力、建筑、执法、消防、车载等行业将迎来市场需求的快速增长期。特别是在疫情时代下,红外探测系统集成一度成为关注点。新兴市场的发展也将成为推动我国红外热成像市场增长的重要动力。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。2022年慕尼黑上海光博会W3馆"红外技术与应用产品特色展示",结合"2022红外探测技术前沿论坛",为观众带来红外创新技术和产品,以及红外技术在不同领域的应用解决方案。

With the continuous growth of the potential global infrared market, the demand for infrared thermal in the civilian market will see a booming time in electricity, construction, laws enforcing, fire protecting and automotive industries. In the year of epidemic specially, infrared detection integrated system was once the focus of attention. The development of emerging market will also become an important driving force for the growth of China's infrared thermal imaging market. As for military market, infrared thermal imaging technology has been widely used in weapons and military equipment, and is indispensable for the modern high-tech conventional weapons. At LASER World of PHOTONICS CHINA 2022, the "Infrared Technology and Applications Special exhibit" area in Hall W4, together with the "2022 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)















LASER PHOTONICS CHINA



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

在"中国制造 2025"的战略扶持下,光学产业正在变强,智能时代下,光学制造区也在不断升级创新,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 2022 年慕尼黑上海光博会的 W4/OW6 馆汇集光学产业链创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。精彩内容,不容错过。

With the support of "Made in China 2025" policy, the optical industry is getting stronger. Under the intelligent era, the optics exhibition area is upgrading with innovation. As the world's most influential optical industry event, Optics and Manufacturing Technology of Optics will gather creative optics technology and developing trends of the industry in Halls W4/OW6 on LASER World of PHOTONICS CHINA 2022, and focus on the display of optical materials, components, lens components, machine instruments, optical processing equipment, optical coating, lens and videos, security and monitoring together with other optical products, equipment and technology. Great contents should not be missed.

部分知名展商 Exhibitors (Excerpt) CORNING **OHARA ■** BÜHLER **TRIOPTICS** Celera AEROTECH Ocean No /Wrecitech TAYLOR ACS CASTECH FABREEKA E. 46 SHINE PTICS STMTOUR ◎ 长春理25年 70 芯明天

* 以上Logo排名不分先后 In no particular order



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 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!





观众分析 **VISITOR ANALYSIS**

观众满意度再次增长 **VISITOR SATISFACTION**

99%

98%

明年会继续参观

96%

96% Thought LASER World of PHOTONICS CHINA

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

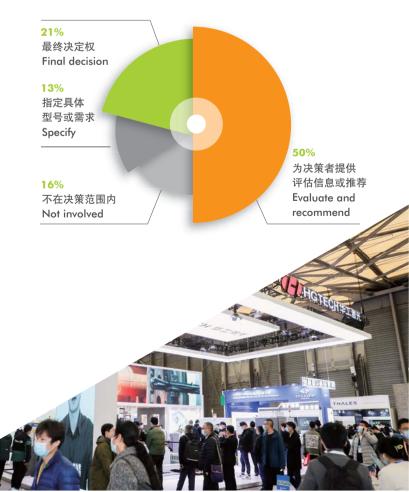
*多选 Multiple responses possible

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



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



观众对展会以下几个方面的评价 **EVALUATE THE FOLLOWING ASPECTS OF VISITORS**



对展品范围的 完整度满意 Satisfaction of exhibit range completion



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



对展会推广的满意度 Satisfaction of promotion of the trade fair



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



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



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



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



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

68%	激光器和光导发光元件 Lasers and optoelectronics
65%	光学 Optics
53%	光学生产技术 Manufacturing technology for optics
50%	传感器、测试测量 Sensors, test and measurement
47%	机器视觉 Machine vision
47%	激光加工系统 Laser systems for production engineering
44%	光学信息技术与光通信技术 Optical information and communication
43%	光学测量与质量控制 Optical measurement systems
43%	红外与成像技术 Imaging
41%	照明与能源 Illumination and energy
39%	服务 Services
37%	安全技术 Security
37%	生物光子学及医学工程 Biophotonics and medical engineering

观众感兴趣的展示范围 VISITOR'S INTEREST OF DISPLAY RANGE

42 %	激光器与光电子展区 Lasers and Optoelectronics
25%	光学与光学制造 Optics and Manufacturing Technology for Optics
16%	激光智能制造展区 Lasers and Laser Systems for Production Engineering
10%	检测和质量控制展区(红外技术及应用) Optical Metrology and Quality Assurance (Infrared Technology and Application Area)
6%	成像,机器视觉 Vision China (Shanghai)

新冠疫情对行业的影响 THE EFFECTS OF THE COVID-19 PANDEMIC IN THE INDUSTRY



在短期内受到影响, 但总体而言仍稳步发展 Affected in the short term, but overall we are still developing steadily



我们发现了新的趋势, 也许是新的机会 We discovered new trends, so there may be new opportunities



几乎不受影响, 与以前一样 Almost unaffected, the same as the previous years



现在很难下结论,我们需要更多的时间 It's hard to make a conclusion now. We need more time

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

观众评价 VISITOR SATISFACTION

陈克猷,上海六晶科技股份有限公司,材料工程师 Chen Keyou, Material Engineer, Shanghai Leading Technology Co., Ltd.

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。

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.

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 Ke Chongjian, Manager, Baosmart Intelligent System 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。

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.

谢卫强,华为技术有限公司,高级营销经理 Xie Weiqiang, Senior Marketing Manager, Huawei Technologies 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。

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.



孙波, 3M中国有限公司, 技术工程师(中国) Sun Bo, Technical Engineer, 3M (China) 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。

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).

电子营销大数据 DIGITAL MARKETING DATA

120,000+

官网访问量 Website visits

合作媒体 Media partners

110,000+

社交媒体粉丝量 Followers on social media

182,796

直播观看总时长/分钟 Total viewing/minutes

185,000+



森尼黒上海光博会 LASER PHOTONICS CHINA



慕尼黑上海光博会

OME TO LASER World of PHOTONICS CHINA





Traffic and

- 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.
- MODERN AUTO
- 长城汽车
- 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 Boshi Auto Parts(suzhou) Co., Ltd.



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



- 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.

优质观众名单 VISITORS



- 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 Shanahai Empower Technologies Co., Ltd.
- 上海电气自动化集团 Shanghai Electric Automation Group



5G通讯 Communication · 华为技术有限公司 Huawei Technologies Co., Ltd.

- 索尼公司 SONY
- 思科
- 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 Xigomi 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



- · 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院 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

Boshi 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

臼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.

上海乂义实业有限公司

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

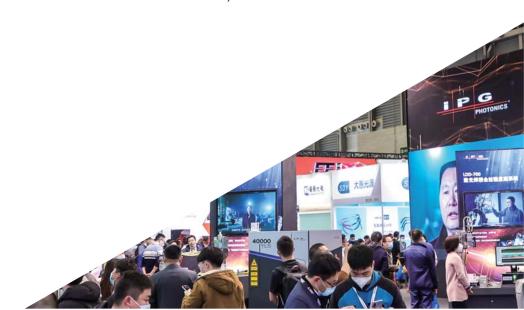
北京市电加工研究所

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



慕尼黑上海光博会

WELCOME TO LASER World of PHOTONICS CHINA



同期会议 ACCOMPANYING PROGRAM

亚洲光学技术大会PHOTONICS CONGRESS CHINA与慕尼黑上海光博会同期举办。9大同期会议主题包含激光加工、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。同期大会共计129场专业报告,吸引4,854名专业听众,现场座无虚席,呈现了学术研究与理论应用的智慧碰撞。

The PHOTONICS CONGRESS CHINA 2021 was held along with LASER World of PHOTONICS CHINA 2021. 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. There were 129 reports 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)

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

5733人次

线上观看 Online visitor **37** 报告数 Amounts of

reports

98

满意度 Satisfaction

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

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

119人次

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

98% 满意度 Satisfaction

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

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

20人次

现场观看 Onsite visits 3 报告数

reports

96% 满意度 Satisfaction

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

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

254人次

现场观看 Onsite visits **10** 报告数 Amounts of reports **97**% 满意度 Satisfaction

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

主办单位 Organizers:

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

238人次

现场观看 Onsite visits 8

报告数 Amounts o reports **98**%

满意度 Satisfaction

红外探测技术前沿论坛

Infrared Detection Technology Frontier Forum

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.

98人次

现场观看 Onsite visits 10

报告数 Amounts of reports **98**%

<mark>满意度</mark> Satisfaction

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

主办单位 Organizers:

机器视觉产业联盟

Machine Vision Industry Union of ZGC (CMVU)

1098人次

现场观看 Onsite visits **31** 报告数

报告数 Amounts of reports **95**%

满意度 Satisfaction

光学检测与智能制造论坛

Optical Metrology and Intelligent Manufacturing Forum

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.

224人次

现场观看 Onsite visits 8

报告数 Amounts of reports 96%

满意度 Satisfaction

光子硬科技产业投融资论坛

The Photonics Field of Key & Core Technology Industry Investment Forum

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.

308人次

现场观看 Onsite visits 报告数 Amounts of reports **97**%

满意度 Satisfaction



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 Munchen is the world's lesding trade fair organizer for laser and photonics.



联系方式 CONTACT US



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