
Witnessing the Leap and Shining the Future — The 17th LASER World of PHOTONICS CHINA Successfully Comes to an End

The 17th LASER World of PHOTONICS CHINA has successfully come to an end at the National Exhibition and Convention Center (Shanghai) on July 13, 2023. Covering a total exhibition space over 80,000 square meters, the three-day LASER World of PHOTONICS CHINA 2023 has welcomed a total of 1,160 exhibitors, and attracted 94,648 visits to the grand event.

Well-known Chinese and international optoelectronic enterprises have shone brilliantly at the LASER World of PHOTONICS CHINA 2023, showcasing a diversified range of technological products to visitors from various application fields. LASER World of PHOTONICS CHINA 2023 not only has featured product displays, technical demonstrations, and concurrent academic conferences but also has included a rich variety of themed activities, offering visitors a firsthand experience of "seeing, hearing, playing, and discussing" and presenting visitors a delightful business journey in observation, learning, communication, and entertainment.

Dr. Reinhard Pfeiffer, CEO of Messe München, said, "I am delighted to witness the great success of LASER World of PHOTONICS CHINA 2023. The remarkable achievements of the trade fair would not have been possible without the enthusiastic contributions of every industry partner, exhibitor, and visitor. It is their support that drives us forward and enables us to provide you with better services. In the future, the LASER World of PHOTONICS CHINA will continuously serve as a high-quality platform for the industry to share technology, spread cutting-edge trends, and expand business opportunities and will give

new impetus to the industry and promote its prosperity."

Being time-honored, walking with optics, and integrating across industries

LASER World of PHOTONICS CHINA took root and grew in China, focusing on the Asian market. With the technological innovation in the global optoelectronic industry and the increasing demand for terminal applications driven by the new generation of information technology, each LASER World of PHOTONICS CHINA strives to bring together the industry's timeless wisdom and achievements so as to connect global optoelectronic technologies, promote Chinese and international technological exchanges and cooperation and achieve win-win benefits. This year marks the 17th glorious moment of LASER World of PHOTONICS CHINA. Based on experience accumulated over the past years, the exhibition gets rid of the stale and brings forth the fresh, further exploring and keeping abreast of industry hot spots and future development trends. The exhibition is dedicated to presenting the innovative products of the whole optoelectronic industrial chain and providing comprehensive solutions, actively getting through exchange barriers between the industry's upstream and downstream, and creating an international and dense industry-academia-research atmosphere of exchange. From the participation of internationally renowned brands and the support of excellent Chinese giant enterprises to the technology sharing of domestic universities and scientific research institutes, LASER World of PHOTONICS CHINA has continuously found a way out of the inherent situations, expanded the industry boundary, unswervingly pursued innovation, and fully demonstrated the cross-industry integration of optical and laser technologies in an all-round way, bringing a different on-site experience to every industry participant and enabling them to deeply appreciate the immense charm of the optoelectronic industry.

Stephen Lu, COO of Messe Muenchen Shanghai Co., Ltd., said, "New energy vehicles, artificial intelligence, AR/VR and biomedical treatment are undoubtedly the emerging application fields of optoelectronic technologies at present, which gives strong momentum for the development of laser-represented photonic manufacturing technology, and there will be great potentials for progress for laser parts, industrial lasers, laser intelligent equipment, etc. LASER World of PHOTONICS CHINA, as an international exhibition platform for the optoelectronic industry, will continue to deliver the upstream technological advantages of the industry and provide more professional business services to seamlessly connect downstream terminal application scenarios."

Laying out popular applications, empowering a great potential for the photoelectric industry

Nowadays, new energy vehicles, PV, ESG, biophotonics, and AR/VR are frequently discussed and mentioned. Laser and optical industry enterprises have also placed their emphasis on these popular application scenarios and actively deployed new tracks. Professional visitors have truly experienced a leap in laser technology under new scenarios in the LASER World of PHOTONICS CHINA 2023, at which not only stations TRUMPF, Scanlab, Zeiss, Coherent, IPG, MKS, AMETEK, AMPLITUDE, Renishaw, Zurich, Rosendahl Nextrom, EKSPILA, LASERVALL, Liquid Instruments, TAMADA, MAY and other internationally well-known industry brands from Germany, the United States, France, the United Kingdom, Switzerland, Finland, Lithuania, Italy, Australia, Japan, ROK, etc. but also brings together growing or emerging Chinese optoelectronic companies, including Han's Laser, Huagong Laser, RAYCUS, Maxphotonics, Reci, HUARAY, JPT, HYMSON, Lyric, and HAITIAN. The collaboration between Chinese and international brands has signified innovative products and technologies that are born in response to new terminal applications. From the "quality" change to "intelligence" change and on the basis of consolidating basic manufacturing technology, new-generation information technology has

been integrated for deep exploration in emerging fields and seeking change and innovation.

Zhe Huang, CEO of Laser BU of TRUMPF (China) Co., Ltd. mentioned: “LASER World of PHOTONICS CHINA is a very good platform for us. We thank the organizers for building such a professional platform that gives us a good opportunity to communicate with customers. We have participated in the show since its first edition, and we will continue to participate in the future, so we can promote the development of China's laser industry together with the organizers.”

Thorsten Frauenpreiss, Vice President Global Sales of Newport-MKS Instruments said: “LASER World of PHOTONICS CHINA has been and still is Asia's big show for laser electronics. And this is true since 2006 when it was initially started. So our company has participated and all it goes since the beginning whenever it was possible, because it gives us the opportunity to meet our customers, to meet and discuss with experts from the photonic fields. We see our customers, our partners here in this market. And so this is why for us it's a must to be.”

Stephane Bussa, Chief Sales Officer (CSO) of Physik Instrumente (PI) GmbH & Co. KG said: “It's a real pleasure to be again here at LASER World of PHOTONICS CHINA in Shanghai. It's so amazing to see how big this exhibition is growing every year. I'm always amazed to see so many suppliers, so many partners, so many booths over here. So thank you so much again to the organization. Best wishes for this new year and looking forward to see you next year.”

Yukihiro Sakata, Chairman and General Manager of Mitutoyo Measuring Instruments (Shanghai) Co., Ltd. mentioned: “Through the exhibition, we can see that the laser processing industry serves a wide range of customers and the market is growing. We hope

to listen to our customer of their needs and provide feedback through the trade show.”

Shiquan Gao, General Manager of Ningbo Haitian Laser Machinery Co., Ltd. delivered his opinion: “We are attending LASER World of PHOTONICS CHINA for the first time, and judging from what we saw onsite, we know it is a thriving industry and we are honored to be part of it. As a newcomer in the industry, we want to learn from others and promote ourselves through LASER World of PHOTONICS CHINA. It is a great opportunity to expose Haitian Laser to more people.”

Cheng Lu, General Manager of Chengdu Guotai Vacuum Equipment Co., Ltd. said: “As a grand event in the optoelectronic industry, LASER World of PHOTONICS CHINA provides a communication platform for experts, entrepreneurs and researchers from the entire industry ecosystem. Through the show, we can share the latest technical achievements, exchange experience, and search for innovation and new developments in optical coating technology and high-end vacuum coating equipment.”

Two theme areas to shimmer with charm

Automobile manufacturing is an industry with extensive applications of lasers. Laser welding can better meet the needs of new energy vehicles and power battery production capacity, range, high-end design, intelligence and precision manufacturing, thus advancing the high-quality development of the new energy vehicle industry. "Laser+" New Energy and New Energy Vehicles Pavilion at one corner of the pavilion in LASER World of PHOTONICS CHINA 2023 cannot be ignored. In the "Laser+ Tour", companies such as Coherent, TRUMPF, Raycus, Precitec, and EMAG take turns to display cutting-edge technologies and blockbuster products for lithium batteries, automotive bodies, photovoltaic and other terminal applications. At the same time, the core buyer group of new energy vehicles makes a strong debut, precisely matching supply and demand based

on clear requirements and strong professionalism.

If there were not an era of light in the development of human civilization, today's information society would not have arrived. The path of optical exploration is tortuous and long, but its prospects are bright — Humans will usher in a new photon era, and the future will be more brilliant because of the development of optical technology. In order to deeply showcase the charm of optics, LASER World of PHOTONICS CHINA 2023 has also launched an Optical Museum jointly with Sunny Optical and Ocean Insight, which is divided into four exhibition areas i.e. History of Optics, Application of Optics, Experience of Optics, and Exploration of Optics. The brief history of China's optical development and cutting-edge products and technologies in six major sectors are presented and introduced on site, including displaying more than 30 exhibits of the smart life and intelligent era in six application fields i.e. smartphones, intelligent vehicles, robots, intelligent security, intelligent optical inspection, and VR/AR. From the perspective of optics and life, visitors can have a close appreciation of indispensable "optics" in contemporary life and technological development.

Zhigang Hou, Senior Maintenance Manager of BMW Brilliance Automotive Co., Ltd said: "My main purpose of participating in LASER World of PHOTONICS CHINA is to see the current development of laser-related processing technology and products in China. Through the exhibition, I know the technological development of some emerging Chinese manufacturers, and I have seen a lot of new products, new equipment, many of which are suitable for us. I also developed a new understanding of laser technology. So it is a worthwhile journey."

Industry-academia-research experts gathered in more than ten concurrent forums to discuss the future of optoelectronics

PHOTONICS CONGRESS CHINA is held concurrently with LASER World of PHOTONICS CHINA. PHOTONICS CONGRESS CHINA consists of 2023 Optical Made in China 2025 Forum, Infrared Detection Technology Frontier Forum, Optical Metrology and Intelligent Manufacturing Forum, Laser Technologies Innovations Continue to Enable Intelligent Manufacturing Forum, Laser Technologies Promote New Opportunities for the Development of Pan-Semiconductor Industry, LIDAR Technology and Application Frontier Forum, New Energy Automotive Laser Technology Frontier Forum, Optical Coating Technology and Application Seminar, The Photonics Field of Key & Core Technology Industry Investment Forum, Short Course: Advanced Optical Instrument Designing, etc, which includes 105 reports. PHOTONICS CONGRESS CHINA ranges from basic theoretical research to discussions on addressing technical difficulties, overcoming application bottlenecks, and exploring development trends, with topics including optical technology, laser technology, advanced lasers, infrared technology and other scientific and technological research and development achievements and progress. Distinguished experts and scholars from both home and abroad gathered together. The event not only features exciting guest speeches and sharing sessions but also includes book signing events of renowned experts, attracting a crowd of engaged visitors.

Junhao Chu, Academician of Shanghai Institute of Technical Physics, Chinese Academy of Sciences Researcher mentioned: “I think LASER World of PHOTONICS CHINA is worth attending. Many new technologies and products are displayed at the exhibition, e.g. laser processing, micro-processing, and new discoveries and inventions in optical engineering and their technical applications. LASER World of PHOTONICS CHINA has been held for many years and has become well-known in the industry. I hope it can become a promising and consistent communication platform that promotes the development of optical technology, the training of industrial talents and the development of the optical industry. I wish LASER World of PHOTONICS CHINA a prosperous future.”

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LASER World of PHOTONICS CHINA has witnessed the transformation and upgrading of traditional basic manufacturing industries worldwide to the rapid iteration of software and hardware in all aspects of work and life driven by new technologies, as well as the continuous penetration of laser optical technology products into increasing terminal application fields. We look forward to the future. Technological innovation will never end, and laser technology is bound to continue integrating with other technologies, fostering new popular application markets. LASER World of PHOTONICS CHINA will also follow the pace of technological progress, continue to target international perspectives, applications, and industries, and together with the optoelectronics industry, explore new horizons.

The next LASER World of PHOTONICS CHINA will be held in the Shanghai New International Expo Center from March 20–22, 2024. We look forward to meeting you at that time.

About LASER World of PHOTONICS CHINA

Since it was founded in 2006, LASER World of PHOTONICS CHINA has become the leading photonics exhibition in Asia. The trade fair’s growing number of visitors year after year demonstrates the leading role of LASER World of PHOTONICS CHINA as well as the market’s strong belief in this industry. LASER Word of PHOTONICS CHINA will showcase the entire spectrum of five categories: Lasers and Laser Systems for Production Engineering, Laser and Optoelectronics, Optics and Manufacturing Technology for Optics, Infrared Technology and Application Special Exhibit, and Optical Metrology and Quality Assurance.

The next exhibition will take place at the Shanghai New International Expo Center (SNIEC) on March 20–22, 2024.

More Information: <https://www.world-of-photonics-china.com>

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Messe München

Messe München is one of the leading exhibition organizers worldwide with more than 50 of its own trade shows for capital goods, consumer goods and new technologies. Every year, a total of over 50,000 exhibitors and around three million visitors take part in more than 200 events at the exhibition center in Munich, at the ICM – Internationales Congress Center München, the Conference Center Nord and the MOC Veranstaltungszentrum München as well as abroad. Together with its subsidiary companies, Messe München organizes trade shows in China, India, Brazil, South Africa and Turkey. With a network of associated companies in Europe, Asia, Africa and South America as well as around 70 representations abroad for over 100 countries, Messe München has a global presence.

Further information: <https://messe-muenchen.de/en/>