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## **With Everything Ready, Forging Ahead with Fortitude—the 18th LASER World of PHOTONICS CHINA Successfully Concluded**

On March 22, 2024, the 18th LASER World of PHOTONICS CHINA lowered its curtains at Shanghai New International Expo Centre. Covering a **total exhibition space of 80,000 square meters**, the three-day exhibition attracted a total of **nearly 1,200 exhibitors** and **55020 professional visitors**.

LASER World of PHOTONICS CHINA 2024 presents a more meticulous exhibition layout and richer exhibition categories. Visitors can see not only the achievements of in-depth optimization, upgrading, and iteration of photoelectric technologies and products but also the innovative application products and solutions brought by photoelectric technology enterprises. In addition to the exhibition area, the PHOTONICS CONGRESS CHINA and the Theme Exhibition Route TOUR are also well-received among visitors. Terminal application users from industries such as medical diagnosis, manufacturing process, consumer electronics, new energy, and semiconductors actively signed up for various forums of this event. Professional and technical masters, entrepreneurial elites, and academic scholars were gathered on the scene. Both exhibitors and visitors felt the amazing power of photoelectric technologies in promoting industrial progress.

**Dr. Reinhard Pfeiffer, CEO of Messe München, commented,** "The optoelectronic industry has a very promising development prospect and plays a pivotal role in driving innovation, powering economic growth, and addressing pressing societal needs. As an influential event of the optoelectronic industry in Asia, LASER World of PHOTONICS CHINA showcases the entire range of photonics, tailored to the specific needs of the Chinese market. It is committed to providing all industry partners, exhibitors and visitors with a high-quality platform for

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business negotiation and assessment of demands in an international setting. We are happy to see all the participants talking to each other, sharing technologies, and exchanging views on innovations with enthusiastic smiles.”

### **Gathering momentum to empower, grasping opportunities, and leading changes**

Photoelectric technology is the key technology of modern industry development. As a comprehensive optoelectronic industry service platform that grasps hot trends and integrates academic exchanges, LASER World of PHOTONICS CHINA aims to find more new possibilities for industrial growth, help enterprises enhance their core competitiveness, and provide more opportunities for upstream and downstream connection of industries. LASER World of PHOTONICS CHINA 2024 leverages the strong momentum of global optoelectronic technology development and responds to bursting new application demand driven by emerging technologies. In cooperation with internationally renowned manufacturers and emerging industrial players, it has organized rich on-site activities and forums to share up-to-date innovative industry achievements and cutting-edge trends and to customize visiting routes for visitors. With a series of diversified exchanges, practical operations, and other experiential activities, the exhibition has given full play to the platform effect, allowing global optoelectronic professionals to perceive market vitality, seize innovative development opportunities, promote more accurate procurement needs, and explore sustainable future optoelectronic industry.

**Evan Sha, President China of Messe Muenchen Shanghai Co.,Ltd.,** said, "To give full play to the platform effect, LASER World of PHOTONICS CHINA has always been advancing in exploration and following the pace of scientific and technological innovation step by step, from laser processing services to laser intelligent manufacturing, and then to today's popular optical chip technologies and products, aiming to present a more comprehensive picture of innovative

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changes and applications of the optoelectronic industry. We believe that with the joint efforts of all parties, the following sessions of LASER World of PHOTONICS CHINA will continue to deepen international exchanges and cooperation and meet more business needs."

### **Abundant international exhibitors and domestic and international collaboration to build a new ecosystem of the photoelectric industry**

The booming laser processing technology, especially the rapid iteration of core components and laser technologies, drives the continuous improvement of laser power. High-power lasers are gradually popularized, the ultra-fast laser market scale is gradually expanding, and the overall laser industry chain is relatively mature. At the same time, as a core component in the photoelectric field, the importance of laser chips has become increasingly prominent with the vigorous development of opto semiconductors. The continuous popularization of biomedical, lidar, optical communication, and other technologies is promoting the penetration and application of semiconductor laser chips in many fields, such as medical treatment, automobile, artificial intelligence, consumer electronics, optical communication, and national defense research.

At this year's exhibition, domestic and foreign exhibitors competed on the same stage to showcase their core products, technologies, and solutions in five major fields, namely Lasers and Laser Systems for Production Engineering, Laser and Optoelectronics, Optical Metrology and Quality Assurance, Optics and Manufacturing Technology for Optics, and Infrared Technology and Application. Among them, the international exhibitors are from the United States, Germany, Japan, Switzerland, France, the United Kingdom, Italy, South Korea, Singapore, the Netherlands, Belgium, Australia, Canada, Spain, Hungary, Lithuania, Poland, Latvia, and other countries and regions, including TRUMPF, IPG, MKS Instruments, Novanta, Hamamatsu, Coherent, Scanlab, PI, Raylase, BINZEL, PRECITEC, Mitutoyo, KEYENCE, ThorLabs, AMETEK, Amplitude, AMADA, nLIGHT, Laserline, Photonics Industries, TOPTICA, LIGHT CONVERSION, Lumibird, Akribis, SCANSONIC, SENSO FAR, Zeiss,

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Renishaw, OHARA, Don, Edmund, etc. There were still many powerful domestic exhibitors, including Han's Laser, RAYCUS, HGTECH, UltronPhotonics, Maxphotonics, CIOMP, HYMSON, Haitian, BOCHU, JPT, TETE, SIOM, Reci, BWT, WAVELENGTH, Sunny Optical, Huaray, Optowide, DG Laser, Inngu Laser, Feibo, Sub-lattice, Inno Laser, etc.

The rich exhibits make LASER World of PHOTONICS CHINA an epitome of healthy competition and complementary advantages in domestic and foreign markets. Visitors not only know about the world-class leading optoelectronic technology in developed countries, but also see the excellent performance of the domestic market after the acceleration of localization process and the grand blueprint for the future optoelectronic industry.

**Georg Hofner, CEO of SCANLAB GmbH** commented: "It is good to see a lot of customers and friends again. The show is big and there's a lot of audiences. This lineup hasn't been seen in a long time. So we think it is a very good show."

**Scott White, Senior Product Director of MKS Instruments** said: "As the year past, the show is getting larger and very broad-reaching. For us, it is very exciting to be here. MKS is well positioned with our wide range of laser offerings and applications to provide innovation solutions to serve our customers now and into the future. Thank you very much for this opportunity to be here and we wish everyone at this year show great success and continue strong in the future."

**Jiangang Wang, Deputy General Manager and General Manager of the Precision System Business Group of HGLaser** said: "LASER World of PHOTONICS CHINA serves as an invaluable platform for peer communication and interaction with customers and partners. I believe it will continue to grow. As a national leader in the optoelectronics industry, we are committed to driving industry development through product, technological, and market innovation, and contributing to industry value creation. I also hope to see increased

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collaboration and the establishment of high-quality innovation platforms at LASER World of PHOTONICS CHINA.”

**Lei Dong, Deputy General Manager of ZOLIX INSTRUMENTS CO., LTD.**

mentioned:”Over the past 18 years, amidst the dynamic growth of the Chinese electronics industry, LASER World of PHOTONICS CHINA has evolved into a more organized and larger-scale event. Overseas exhibitors continue to show interest, and Chinese participants are increasingly making their way into the international stage through this exhibition. I anticipate a bigger booth in future editions. Additionally, I hope to see increased participation from both domestic and foreign counterparts, and perhaps even the organization of Chinese pavilions at international exhibitions. Such efforts would undoubtedly enhance the promotion of Chinese brands.”

**Zhijia Huang, Chairman of JPT** delivered his opinion:”LASER World of PHOTONICS CHINA 2024 is bustling with people, including many overseas visitors. The overall atmosphere is very positive, with numerous overseas customers visiting our booth. I am optimistic about the future of LASER World of PHOTONICS CHINA and hope to see its continuous improvement, especially in the presentation of new technologies, processes, products, and business models within the laser industry.”

**Fengjuan Lu, Head of the Product Marketing Department of IRAY TECHNOLOGY CO., LTD.** said:”LASER World of PHOTONICS CHINA boasts a rich history and stands as a leading exhibition in the optoelectronics industry. It not only brings together top companies but also showcases numerous innovative technologies and products for display and exchange each year. The technology and industry exchanges facilitate collaborative development within the industry.”

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**Jianke Di, General Manager of the Precision Electronics Division of SUZHOU DELPHI LASER CO., LTD.** said: "We participate in LASER World of PHOTONICS CHINA every year. It is a significant event in the industry, with a lot of professionals and customers present. We are honored by the opportunity to display our products and we anticipate continuous improvement in the exhibition."

**Themed Exhibition Route Tour Activities: These activities are widely popular, with unlimited business opportunities provided**

LASER World of PHOTONICS CHINA has always been oriented to give full play to the function of a service platform, integrate upstream and downstream resources, and strengthen supply-demand matchmaking. LASER World of PHOTONICS CHINA 2024 launched the "Themed Exhibition Route Tour Activities" for exhibitors and professional visitor, carefully creating three theme routes with optics technology, laser technology and new products as the background to meet the procurement needs of visitors from different industries and help them discover more innovative technological achievements and explore unlimited business opportunities.

Among them, the first tour route with the theme of "Innovative Chip Manufacturing for a Brighter Future" aimed to break through the existing technical barriers, broaden the development path of manufacturing technology and promote the high-quality development of semiconductor industry with optical chips. The route covered core technologies and products such as optical chips, crystal materials, optical cold working, optical micro-nano detection, optical ultra-precision machining, laser components. The second tour route with the theme of "Intelligent Carbon Reduction for a Smart Future" focused on laser intelligent manufacturing technology and helped build an intelligent, green and efficient manufacturing system around the strategic goals of "carbon peak and carbon neutrality". The third tour route with the theme of "Bringing forth New Ideas and Embracing the Future"-New Product Discovery Journey mainly promoted innovative products under different application backgrounds such as consumer electronics, new energy, automotive engineering, semiconductors, microelectronics and medical treatment to the on-site visitors.

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**Shengguo Jia, Director of Purchasing Department of Jinan Xintian Technology Co., Ltd.**

commented: "Our visit to the LASER World of PHOTONICS CHINA aims to gain insights into upstream devices and new technologies, guiding our future equipment development. The unveiling of new products by leading companies, notably Raycus and other welding medical suppliers, inspires us and aids in our equipment integration efforts. We hope for further enhancements of the show to benefit all participants in the laser industry, including the downstream integrators."

**Zhibo Wu, Researcher of Shanghai Observatory** said: "As a researcher involved in laser ranging, I had a rewarding experience at the LASER World of PHOTONICS CHINA. The organizers' attention to detail, particularly in catering to the needs of longstanding customers like us, is commendable. Each year, this exhibition unveils innovative technologies and potential technical solutions. This exhibition was exceptionally well-organized. We accomplished our fundamental objectives and gained insights into new processes and products, greatly aiding our technological advancement. It's regrettable that with only three days and numerous exhibition halls, there wasn't enough time to explore everything."

**PHOTONICS CONGRESS CHINA: Interpret hot technologies**

The two-day PHOTONICS CONGRESS CHINA was held at the same time as LASER World of PHOTONICS CHINA, with more than ten parallel forums and 96 keynote speeches. In addition to the two new technical topics of LASER World of PHOTONICS CHINA 2024, namely Computational Optical Imaging Technology Forum and Optical Metasurface Technology Forum, participants also participated in more than ten parallel forums such as Semiconductor Optics Technology Forum, Optical Measurement Forum for Micro-Nano Structure, Infrared Detection Technology Frontier Forum, High Performance High Power Fiber Laser Technology Forum, LIDAR Technology and Application Frontier Forum, and New Energy Vehicle Laser and Quality Control Summit 2024. PHOTONICS CONGRESS CHINA brought together well-known experts, scholars and industry leaders from laser, optics, infrared and other fields to discuss key and hot

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technologies in the era of intelligent manufacturing from a scientific perspective based on theoretical information support, share the latest research results and have an insight into the future trend of optoelectronic industry.

**Ph.D., Jianqiang Zhu, Shanghai Institute of Optics and Fine Mechanics of Chinese Academy of Sciences** commented: "LASER World of PHOTONICS CHINA is widely regarded as the leading optical expo in the industry, showcasing top-quality products from both local and international exhibitors. I remember when it first opened in China; there was only one hall, mostly occupied by German companies. But now, there are multiple halls bustling with competition and innovation. It's evident that the industry is flourishing, especially many domestic enterprises and research institutes. LASER World of PHOTONICS CHINA has truly become a prominent international platform. I sincerely hope to see its continuous improvement and hope it will become the industry's foremost representative in the future."

Spring is the beginning of a year, and action comes first. LASER World of PHOTONICS CHINA meets with domestic and foreign optoelectronic exhibitors and visitors in spring every year. We earnestly hope that you will start a good new year, and we hope that each meeting with old and new friends at LASER World of PHOTONICS CHINA will become a wonderful memory for your work and life. LASER World of PHOTONICS CHINA believes that this year's photoelectric journey has lived up to expectations, and our peers in the upstream and downstream of the optoelectronic industry chain have returned with fruitful results.

In the future, with the support of national policies such as new infrastructure and digital economy and the growth of domestic and foreign market demand, the optoelectronic industry will have a broader market prospect and bring more surprises and breakthroughs. With the continuous upgrading of industrial development, LASER World of PHOTONICS CHINA will provide professionals with a larger display platform and more diversified product categories, leading the optoelectronic industry to a more brilliant future.

20<sup>th</sup>-22<sup>nd</sup>, March, 2024  
Shanghai New International  
Expo Centre  
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The next LASER World of PHOTONICS CHINA will be held at **Shanghai New International Expo Centre from March 11 to 13, 2025**. The exhibition will be further expanded and upgraded. We are looking forward to meeting you again, celebrating the 20th anniversary and embracing a new journey together.



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### **About LASER World of PHOTONICS CHINA**

As an important annual gathering of the laser, optics and optoelectronic industries in Asia, LASER World of PHOTONICS CHINA explores the development trend of the industry from basic research to industrial application. It focuses on displaying products covering five major sections: Laser and Laser Systems for Production Engineering, Laser and Optoelectronics, Optics and Manufacturing Technology for Optics, Infrared Technology and Application, and Optical Metrology and Quality Assurance. LASER World of PHOTONICS CHINA is a must-visit exhibition for the industry. It is committed to promoting innovation and business development in all branches of the industry. It is a high-quality platform for you to enhance market competitiveness and find innovative solutions.

See you in March 2025!

For more details, please visit the official website:

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<http://www.world-of-photonics-china.com.cn>

### **About Messe München**

As one of the world's leading trade fair organizers, Messe München presents the world of tomorrow at its more than 80 trade fairs worldwide. These include eleven of the world's leading trade fairs such as bauma, BAU, IFAT, electronica, and ISPO. Messe München's portfolio comprises trade fairs for capital and consumer goods, as well as for new technologies. Together with its subsidiaries, it organizes trade fairs in below countries and regions: China, India, Brazil, South Africa, Turkey, Singapore, Vietnam, Hong Kong (China), Thailand, and the U.S. With the ICM – International Congress Center Messe München, the CCN – Conference Center North, and the MOC – Event Center Messe München, it offers space for a wide variety of events. With around 1,000 employees in Germany and abroad, a network of over 15 affiliated companies, and almost 70 representations worldwide, Messe München is active in more than 130 countries and regions. The more than 150 events held annually in Germany and abroad attract around 50,000 exhibitors and around three million visitors. Messe München thus generates annual indirect profitability of more than 2,5 billion euros in Bavaria, and creates around 23,000 jobs in the region, making it a driving force for the economy and tourism. Messe München has the greenest and one of the most state-of-the-art exhibition centers in the world and, with an exhibition area of 200,000 m<sup>2</sup> in 18 halls and 414,000 m<sup>2</sup> of outdoor space, has one of the largest total areas. Messe München will celebrate its 60th anniversary in 2024.