

2018.3.14-16

上海新国际博览中心  
Shanghai New International Expo Centre (SNIEC)

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慕尼黑上海光博会

LASER World of PHOTONICS CHINA

www.world-of-photonics-china.com.cn www.world-of-photonics-china.com



## **LASER World of PHOTONICS CHINA 2019**

**More than 1,000 exhibitors showcase the future of technology**

**As the leading event for the Asian laser, optics and optoelectronics industry LASER World of PHOTONICS CHINA has been presenting the full range of products in the industry from an international perspective to meet the unique needs of the Chinese market. In 2019, LASER World of PHOTONICS CHINA will be held from March 20 to 22 at Shanghai New International Expo Center. The size of the exhibition, number of exhibitors, and number of visitors will all hit a new high.**

### **The complete industrial chain and focus on intelligent optoelectronic technology**

LASER World of PHOTONICS CHINA 2019 will focus on "smart light manufacturing" with an exhibition area of 60,750 square meters. For the first time, it will bring together more than 1,000 exhibitors and is expected to attract more than 60,000 professional visitors.

Since its inception in the 1960s, lasers have been widely used and led to the technological upgrading in industrial manufacturing, communications, medicine, scientific research and other fields for its excellent features. In addition to macro and micro processing, precision and ultra-precision machining, additive manufacturing is nowadays at the forefront of the advanced manufacturing technology. In recent years, China's laser industry has been on a fast lane of development. Consequently, LASER World of PHOTONICS CHINA 2019 exhibits the world's leading laser and optoelectronic technology, brings together high-end products from China and international markets, and discusses cutting-edge technologies and scientific researches, so as to demonstrate the entire industrial chain of optoelectronics, upgrade the processing technology and create competitive solutions.

### **Upgraded Application Solutions in Six Important Scenarios**

The exhibition is a provider of "smart light manufacturing solutions", focusing on "laser processing technology and applications" to act as a competent partner that turns "manufacturing" into

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"intelligent manufacturing". The exhibition shows customers the laser processing technology applications in automation, 3C electronics, automotive, rail transit, mold, medical, scientific research and other industries. It also enables "smart light manufacturing" as a solution to break the bottleneck of traditional manufacturing, bringing vitality to modern manufacturing.

### **Supporting Program: From Infrared Detection Technology to LIDAR**

As a leading photonics exhibition in Asia, LASER World of PHOTONICS CHINA will gather a large number of high-quality exhibitors in the global laser industry with new products, technologies and solutions, to exhibit and compete in this international arena. In addition to traditional laser marking and surface treatment equipment, the highly anticipated new laser radar products, including photodetectors, lasers, collimating lenses, scanning mirrors, and digital-to-analog converters, will also be released. Leading companies from these fields will be present at the "LIDAR Technology and Application Frontier Forum", attracting representatives from well-known manufacturers of key components such as laser light sources, optical components and sensors, laser radar suppliers, research institutes, industrial automation suppliers, first-tier automotive suppliers and OEMs to discuss future trends in the laser radar industry. Infrared technology and applications will also become the focus in 2019. The Infrared Detection Technology Frontier Forum will be jointly hosted by the Shanghai Institute of Technical Physics, Chinese Academy of Sciences, a leading research institute of infrared and optoelectronic technology in China.

### **Smart Machine Vision Sees the Future**

As an indispensable part of artificial intelligence, machine vision is developing rapidly. Machine vision technology uses machines instead of human eyes to make measurements and judgments. As the "eyes" of artificial intelligence, machine vision largely influences and determines the development of artificial intelligence. Image recognition, detection, measurement, and object positioning cannot do without machine vision. Along with LASER World of PHOTONICS CHINA, Vision China will bring together more than 200 exhibitors from 13 countries and focus on smart manufacturing, artificial intelligence, big data and 3D vision, VR, robot vision, smart factory and

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other important technologies. The conference will present advanced visual technology and intelligent solutions in China's machine vision industry. It provides the basis for the future development of "smart manufacturing".

### **Optical Precision Manufacturing Upgraded Again with New IR, Inspection, and Optics Areas**

The Halls W4 and OW7 will bring together the highlights and trends of the optical industry chain, focusing on optical materials, components, lens components, machine tools, optical processing equipment, optical coatings, lenses and cameras, security and monitoring. Visitors will be able to see new products and technologies from the "2019 International Optical Industry Development Forum" will be held at the same time, inviting academicians, chief scientists and key figures from the industry to share industry trends, applications and solutions, as well as optical solutions to the energy and bioengineering industries in China. Meanwhile, the Testing and Quality Control area will present multi-faceted, multi-level solutions.

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

LASER World of PHOTONICS CHINA is the leading regional trade fair for laser and photonics in Asia. It takes place in Shanghai each March and is collocated with electronica China & productronica China. In 2018 the trade fair recorded 55,872 visitors and 977 exhibitors. The next LASER World of PHOTONICS CHINA will take place from March 20 to 22, 2019.

### **About the LASER World of PHOTONICS global network**

The LASER World of PHOTONICS has developed an international trade fair network. The LASER World of PHOTONICS in Munich is the world's leading laser and photonics trade fair and as the innovation pacemaker is where the global photonics industry gathers every two years. The LASER World of PHOTONICS CHINA and the LASER World of PHOTONICS INDIA are leading regional trade fairs for laser and optical technologies and are staged annually in China (Shanghai) and in India (alternating between Bengaluru, Mumbai and New Delhi). With these trade fairs in Munich, China and India, Messe München is the world's leading trade fair organizer for lasers and photonics.

### **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 and the MOC Veranstaltungszentrum München as well as abroad. Together with its subsidiary companies, Messe München organizes trade shows in China, India, Brazil, Russia, Turkey, South Africa, Nigeria, Vietnam and Iran. 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.