

Munich, May 24, 2023

Press Release

LASER World of PHOTONICS supporting program

Breadth that goes deep

- A variety of topics and market proximity in the Photonics forums
- Practical expert knowledge
- Networking events, Innovation Award and career platforms

In a few weeks, the international photonics industry will meet at its world-leading trade fair in Munich, where LASER World of PHOTONICS will take place from June 27 to 30, 2023. The comprehensive supporting program informs about the latest trends in the industry, provides application-oriented knowledge, offers young talent a stage, and leaves plenty of room for personal exchange with experts. Among the focus topics are integrated photonics and sustainability. Visitors to the trade fair can get even more know-how from related topics in the supporting program for World of QUANTUM and automatica, being held at the same time.

“The range of applications for photonics is now immense, with barely an industry that can do without it when it comes to innovations. We reflect this variety in the LASER World of PHOTONICS supporting program: With top-class presentations, panel discussions and special activities, we want to provide visitors with practical knowledge to give them an edge in terms of information,” says Exhibition Director Anke Odouli.

Concentrated expert knowledge

At the Photonics forums, key players in the industry will share information about the latest fields of application for lasers and photonics. The Lasers & Optics forum (Hall A2) will cover topics such as integrated photonics and long pulse lasers, while the Laser Materials Processing forum (Hall B3) will be about electric mobility or additive manufacturing, for example. The Biophotonics &

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Medical Applications forum (Hall B2) will, among other things, address AI and VR applications in medicine or the use of photonics in pathology and laboratory medicine. At World of QUANTUM (Hall A1), scientists and exhibitors will share their expert knowledge of quantum technology in a comprehensive forum program. And anyone who wants to look outside the box can also use their trade fair ticket to visit the automatica lecture program to learn more about the latest trends in the automation industry.

Guided tours with experts

On two guided tours with keynote speech and subsequent Q&A session, experts from the ultrashort pulse laser network will provide a compact overview of their field of work. One tour covers laser sources, optics and beam guidance and shaping (June 28, 10:00 a.m.), the other covers machines and processes (June 29, 10:00 a.m.). The guided tours in English are free of charge, and all that's required is an advance reservation.

Focus on material processing

Spread over 400 square meters of exhibition space, the special exhibition "Photons in Production" in Hall B3 will present the latest from the field of laser material processing. Experts will give live demonstrations of process monitoring in beam shaping using ring mode lasers and a networked laser material processing system that uses artificial intelligence to provide quality assurance. The special exhibition will be held together with the Institute for Machine Tools and Industrial Management (iwb) at the Technical University of Munich, the Bavarian Laser Center Erlangen (blz) and the Chair of Photonic Technologies at Friedrich-Alexander-University Erlangen-Nuremberg. As in the previous year, scientists will also offer advice on the use of lasers in production in the Solution Center.

The Solution Pitches are a new offering, resulting from the close link between laser material processing and automation – the topic of automatica being held at the same time. Two exhibitors from each of the trade fairs will have 30 minutes to present a successful, industry-ready showcase that solves a production-related challenge.

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Shaping the future of photonics

The Innovation Award is given in eight categories for the best future-proof solutions and products in the industry. This is already the third time that it is being presented at the trade fair in cooperation with the British trade publisher Europa Science. The Career Center in Hall B3 and career now, being held together with automatica in Hall B4, will address individual future prospects: Free coaching sessions, tips on applying and job hunting, as well as plenty of job and internship offers support professional newcomers and all those who want to take their career in a new direction. Future greats of quantum technology can prove themselves in the Qiskit hackathon at World of QUANTUM, which starts on June 27 and invites the quantum community to a 24-hour competition in Hall A1. Qiskit researchers and developers will act as mentors for the participants during the competition, and an expert jury will select the winners at the end. And a separate career day at World of QUANTUM on June 30 in Hall A1 will show the career opportunities that quantum technology has to offer.

All the information about the supporting program can be found at: world-of-photonics.com/en/supporting-program/information/

Details about the forum program can be found at: world-of-photonics.com/application/en/program/supporting-program/schedule

Please find this press release including images for download at [LASER newsroom](#).

About the LASER World of PHOTONICS

The LASER World of PHOTONICS is the world's leading platform for the laser and photonics industry. Europe's largest World of Photonics Congress is part of the trade fair. The program comprises a number of scientific conferences held by globally leading organizations. In addition, Messe München offers practical presentations on photonics applications ("Application panels"). The LASER World of PHOTONICS has been held every two years since 1973; the next edition will be held from June 27 to 30, 2023, in Munich, the next World of Photonics Congress parallelly from June 25 to 30, 2023 at the ICM - Internationales Congress Center München. world-of-photonics.com/en

About the global network of LASER World of PHOTONICS

The LASER World of PHOTONICS has established an international network. The LASER World of PHOTONICS CHINA and the LASER World of PHOTONICS INDIA are regional leading trade

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fairs for lasers and optical technologies, and are organized annually in China (Shanghai) and India (switching between Bengaluru, Mumbai and New Delhi) respectively. With the trade fairs in Munich, China and India, Messe München is the world's leading trade fair organizer for lasers and photonics.

About 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.