

25. Weltleitmesse  
für Komponenten, Systeme und Anwendungen der Photonik  
26. bis 29. April 2022, Messe München

25th World's Leading Trade Fair  
for Photonics Components, Systems and Applications  
April 26–29, 2022, Messe München, Germany

[world-of-photonics.com](http://world-of-photonics.com)



Munich, April 12, 2022

## Press Release

# Supporting program illustrates the versatility of photonics in theory and practice

- **LASER World of PHOTONICS, the world's leading trade fair, combines knowledge transfer and practical application**
- **Forum program and guided tours: Experts discuss trends in photonics**
- **Innovation Award honors the top innovations**

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**The international photonics industry will meet at the world's leading trade fair LASER World of PHOTONICS in Munich from April 26 to 29, 2022. The role that photonics plays today as a key technology in many new products is highlighted in both the exhibition area and the extensive supporting program, which centers on expert discussions and knowledge transfer.**

“Today there is hardly any industry that does not benefit from photonics. At LASER World of PHOTONICS, we are showcasing the wide range of applications not only in the exhibition area, but also in the supporting program with expert forums and guided tours, a special show and the Innovation Award,” says Anke Odouli, LASER World of PHOTONICS exhibition director. There is a special focus on quantum technology: With the World of QUANTUM, the fair introduces a separate platform dedicated to possibly the most exciting future field of photonics today and featuring presentations and plenty of space to network.

### Focus on trends: The forum program

Three additional forums with application panels and exhibitor presentations will highlight other current areas of photonics application: The Laser and Optics forum will provide an overview of the current status of laser systems for industrial use, among other things. The Biophotonics, Medical Applications, Optical Metrology and Imaging forum will provide insight into photonic solutions

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for medicine and biotechnology. The Laser Materials Processing forum will showcase the progress made in materials processing with lasers.

### **Guided tours – experts lead the way**

Two guided tours with a presentation and related Q&A session will give participants a concise overview of current trends in selected areas: In one tour, experts from the Institute for Machine Tools and Industrial Management (*iwb*) and the Bavarian Laser Center (*blz*) will cover process control in laser material processing and laser applications for electromobility. In another tour, the “Ultrashort pulse laser” network will show how ultrashort laser pulses enable new processing methods. The guided tours are free of charge but advance registration is required.

### **Special show: “Photons in Production”**

Visitors can learn about the latest trends and research results in the field of laser materials processing at the “Photons in Production” special show. Over more than 300 square meters of exhibition space, experts from the scientific community will present information on the laser-based manufacturing of battery cells, beam formation for process stabilization, intelligent processes and additive manufacturing. New this year: Scientists will be on hand in a Solution Center to provide independent and free advice on questions and component demonstrators related to lasers in production.

### **Innovation Award and Career Center**

One highlight of the trade fair is the Innovation Award, which is being presented for the second time to recognize the three top innovations in the major photonics categories. The Innovation Award and its €5,000 prize money are awarded in cooperation with the British trade publisher Europa Science.

In response to the shortage of skilled workers in the industry, LASER World of PHOTONICS will bring together potential employers and job candidates at the Career Center. As part of the career counseling service, professionals will also be on hand to offer tips for starting a career in the industry or for professional development.

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More information about the supporting program: [world-of-photonics.com/application/en/program/schedule](https://world-of-photonics.com/application/en/program/schedule)

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#### **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"). In 2019, the trade fair achieved a record 1,325 exhibitors from 40 countries. A total of 33,999 visitors from 82 countries came to the grounds of Messe München. The World of Photonics Congress registered 4,675 participants, around 3,600 talks and presentations were offered, including poster presentations. The LASER World of PHOTONICS has been held every two years since 1973; the next edition will be held from April 26 to 29, 2022, in Munich, the next World of Photonics Congress together with the trade fair in June 2023.

#### **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 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 a leading international networking platform – in Munich and around the world, for trade fairs conducted in person or online. In a reflection of the slogan "Connecting Global Competence," Messe München serves as a global networking platform and brings together decision makers from all parts of the world. Messe München's portfolio comprises more than 50 trade fairs for capital and consumer goods as well as new technologies that focus on the latest social issues. These exhibitions include the world-leading trade fairs bauma, BAU, IFAT and ISPO Munich. The more than 200 events organized by Messe München each year attract about 50,000 exhibitors and 3 million visitors. Since 2021, IAA Mobility has been held by the German Association of the Automotive Industry e.V. (VDA) in collaboration with Messe München GmbH.

Messe München has one of the world's most modern exhibition grounds. With its four locations in Riem, the ICM – International Congress Center Messe München, the MOC Event Center Messe München and the Conference Center North Messe München, it is able to fulfill all of its customers' requirements individually. Messe München is very successful in its domestic market in Munich as well as in other countries. It is active all around the world. Overall, Messe München, with its network of associated companies and foreign agencies, is present in more than 100 countries.