Connecting Global Competence

Messe München

JUNE 21–24, 2021, MESSE MÜNCHEN

25th World's Leading Trade Fair with Congress
for Photonics Components, Systems and Applications

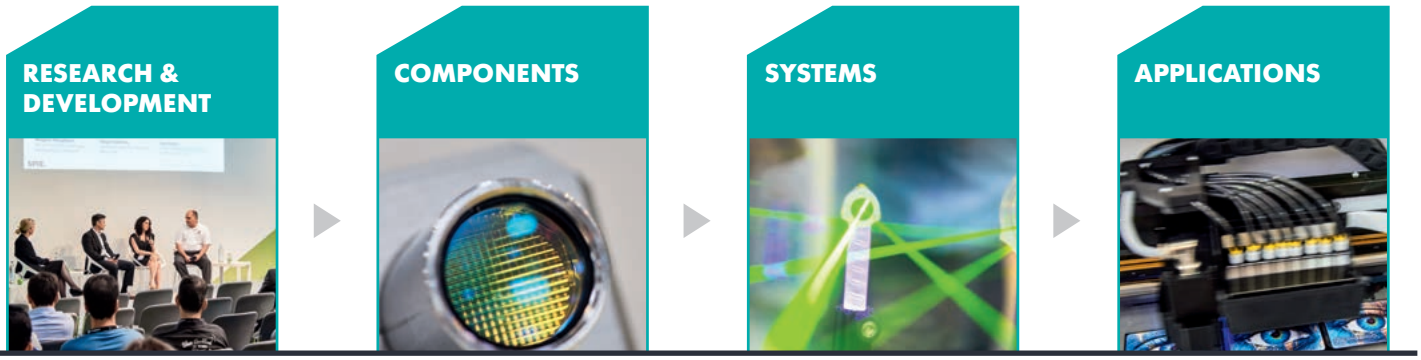
world-of-photonics.com

World of LASER PHOTONICS

OPTICS AND MANUFACTURING TECHNOLOGY FOR OPTICS

Facts & figures

LASER World of PHOTONICS offers a unique combination of research, technology and applications. It is the industry's **leading technology platform,** presenting the most important innovations and trends to all key industry players. LASER World of PHOTONICS is the only trade fair in the world to cover the entire value chain of photonics.



Exhibitors showcasing products in the optics and manufacturing technology for optics sector (excerpt)

- Altechna
- Berliner Glas KGaA Herbert Kubatz
- Edmund Optics GmbH
- EKSMA Optics
- Gooch & Housego GmbH
- II-VI GmbH
- Laseroptik GmbH
- LAYERTEC-Optische Beschichtungen GmbH
- Meopta-optika, s.r.o.
- OptoTech Optikmaschinen GmbH
- Qioptiq Photonics GmbH & Co. KG
- Satisloh GmbH
- Schneider GmbH & Co. KG
- SCHOTT AG
- Swarovski Optik KG
- Teledyne Acton Optics
- Thorlabs GmbH

"Our decision to double our stand space was absolutely right. For us as a supplier of machines and process solutions in the optics manufacturing sector, this year's LASER World of PHOTONICS has once again proven to be a "must-have" among the trade fairs out there. For this reason, we have chosen this event to launch our new SPM-10 and SPS-10 grinding and polishing machines for micro-optics in the diameter range of < 1–10 mm. We are very satisfied with how the trade fair went for us and we will be sure to exhibit again next time."

Jessica Müller, Marketing Coordinator, Satisloh

2019 OPTICS AND MANUFACTURING TECHNOLOGY FOR OPTICS SECTOR FIGURES

- **1,325 exhibitors,** including more than **800** exhibiting companies from the optics and manufacturing technology for optics sector from **37** countries
- **63%** share of international exhibitors

Focal points of the trade fair (excerpt)

Optics

- Raw materials
- Crystals
- Processed components
- Optical lenses
- Diffractive optics
- Optical transmission components
- Other optical components
- Design software for passive optical components
- Systems for cleaning and maintenance of optics

Manufacturing Technology for Optics

- Manufacturing equipment for optics
- Manufacturing processes for optics
- Manufacturing materials for optics
- Optical coating materials
- Manufacturing technology for optics (others)
- Adhesives for optics

OPTICS AND MANUFACTURING TECHNOLOGY FOR OPTICS

Supporting program

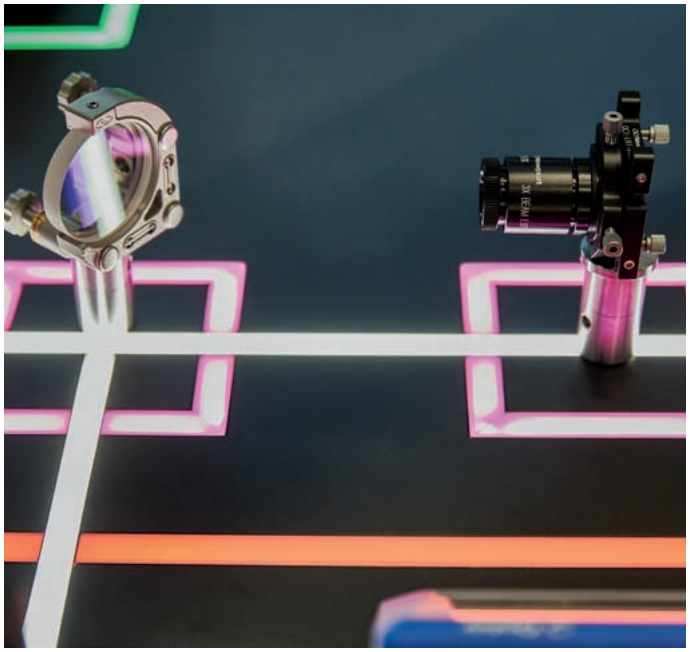
The supporting program of the world's leading trade fair LASER World of PHOTONICS distinguishes itself through its consistent practice orientation and received 95% positive visitor ratings in 2019. A perfect example are the lectures on lasers and optics by acclaimed speakers from industry and research, presenting the status quo and new potential applications.

Almost 920 participants attended to learn about the further development of optical products and the required manufacturing know-how that are an important driving force behind innovation and the photonics applications of tomorrow. 96% of the audience was thrilled about the application-oriented focus.

HOW VISITORS RATED THE LECTURE PROGRAM

Visitors at LASER World of PHOTONICS 2019 gave the forum's lectures a rating of good to excellent:

- **95%** content quality
- **96%** application orientation



Application Panels

In 2019, these presentations saw some 2,050 attendees learning about the latest industrial applications, challenges and solution approaches in photonics.

Topic highlights in 2019: Laser and optics

- Diode-Pumped Solid State Lasers and Fiber Lasers
- Ultrashort Pulse Lasers and Beam Guidance
- High-Power Diode Lasers: Highly Efficient Beam Sources for Pump Applications and Direct Processing
- Optical Quantum Technologies 1: Sensing and Computing
- Optical Quantum Technologies 2: Imaging and Communication

OPTICS AND MANUFACTURING TECHNOLOGY FOR OPTICS

Congress

As the industry's leading scientific platform, the World of Photonics Congress offers extensive insights into the world of photonics while acting as an interface between theory and practice. For 63% of all exhibitors at the fair, congress participants are an important target group, and 58% stated that they mainly want to address visitors from science and research with their exhibits.

FACTS & FIGURES WORLD OF PHOTONICS CONGRESS 2019

- Approx. **4,675** participants
- More than **3,635** lectures and poster sessions
- **97%** positive visitor ratings

Congress focal point: Optics and manufacturing technology for optics

The World of Photonics Congress features several conferences that deal with optics and manufacturing technology for optics. Application oriented: EOS Optical Technologies—Manufacturing, Tolerancing and Testing of Optical Systems / Optofluidics.

Basic research: CLEO®/Europe-EQEC

Topic highlights in 2019

- Optical Materials, Fabrication and Characterization
- Ultrafast Optical Technologies
- Micro- and Nano-Photonics
- Fabrication Friendly Optical Design and Tolerancing
- Optical Fabrication
- Finishing Methods
- Optimization Techniques in Optics Fabrication

OPTICS AND MANUFACTURING TECHNOLOGY FOR OPTICS

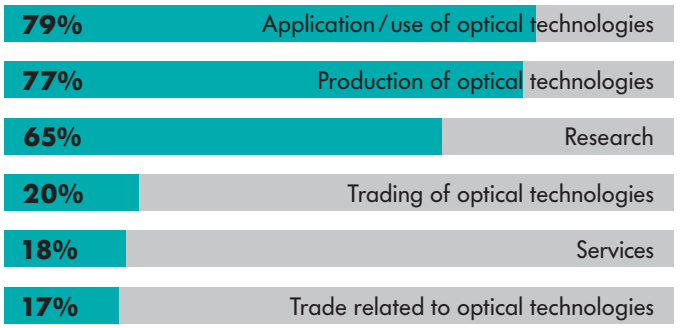
Your target group

- Out of **33,999 visiting professionals** in total, more than **20,500** also visited the Optics sector and more than **10,300** visited the Manufacturing Technology for Optics sector.
- **99%** gave the Optics sector an excellent or good rating, while the Manufacturing Technology for Optics sector received similar ratings at **98%**.

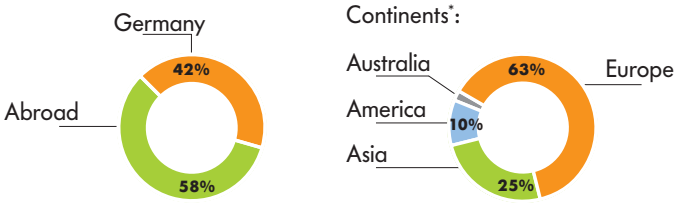
Visitors' main areas of responsibility (excerpt)

- Business executives
- Research and development management
- Basic research
- Application related research and development
- Manufacturing and production
- Design
- Engineering
- Information and communications technology, digitalization
- Sales and distribution
- Purchasing and procurement
- Marketing, advertising, PR
- Quality management

Visitors' main areas of activity in the optics and manufacturing technology for optics sector**



Visitor origin

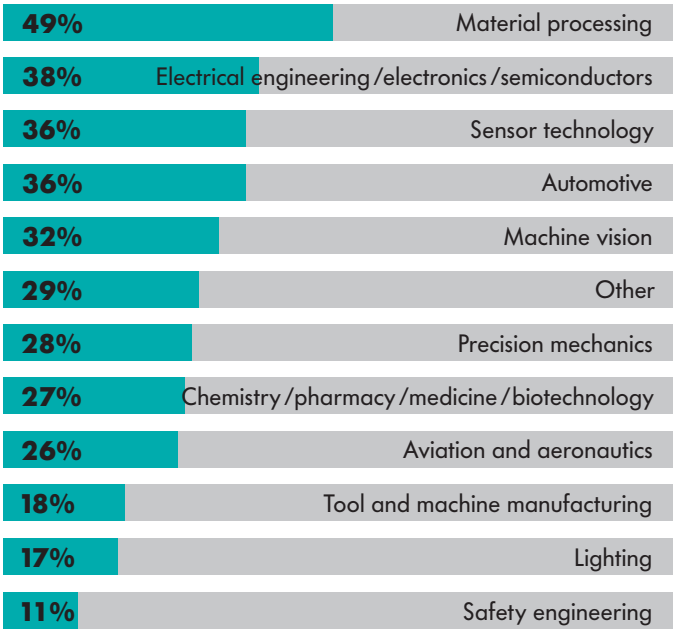


Top 10 visitor countries

Great Britain and Northern Ireland, France, USA, Japan, China, Switzerland, Italy, Russia, Republic of Korea, Austria

Where our visitors from the optics and manufacturing technology for optics sector primarily use optical technologies**

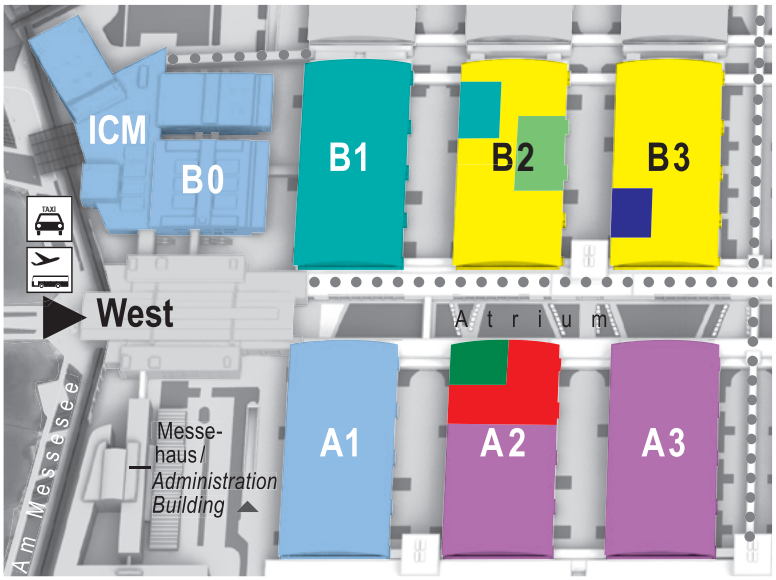
Besides the widespread use of optics and manufacturing technology for optics in **science and research** (**82%**), visitors of LASER World of PHOTONICS predominantly use optics and manufacturing technology for optics in the following branches of industry:



Other sectors:
Data & information technology, printing technology & graphics, photovoltaics / power engineering, agricultural science / foodstuffs industry, contract manufacturing, environmental engineering, textile industry, show technology, advertising, art

* Basis: All visitors from abroad
** Multiple responses possible

WELCOME
to the world's leading trade fair



A2	Imaging
A2	Sensors, Test and Measurement/ Optical Measurement Systems
A2/A3	Lasers and Laser Systems for Production Engineering
B1/B2	Optics/Manufacturing Technology for Optics
B2/B3	Lasers and Optoelectronics
B2	Biophotonics and Medical Engineering
B3	Optical Information and Communication
ICM/B0 A1	WORLD OF PHOTONICS CONGRESS

Flughafen-Bus / *Airport Shuttle Bus*

Taxi

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