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.

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

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
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
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.

**Congress focal point: Optics and manufacturing technology for optics**


**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

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**FACTS & FIGURES**

**WORLD OF PHOTONICS CONGRESS 2019**

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

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**WORLD OF PHOTONICS CONGRESS**

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- Finishing Methods
- Optimization Techniques in Optics Fabrication
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%.

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:

Material processing: 49%
Electrical engineering/electronics/semiconductors: 38%
Sensor technology: 36%
Automotive: 36%
Machine vision: 32%
Other: 29%
Precision mechanics: 28%
Chemistry/pharmacy/medicine/biotechnology: 27%
Aviation and aeronautics: 26%
Tool and machine manufacturing: 18%
Lighting: 17%
Safety engineering: 11%

Visitor origin

Continents:
- Europe: 63%
- Asia: 25%
- Africa: 10%
- North America: 6%
- Latin America: 3%
- Australia: 10%

Top 10 visitor countries

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

* Basis: All visitors from abroad
** Multiple responses possible
WELCOME
to the world’s leading trade fair

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