

Your gateway to the Russian market



PHOTONICS

WORLD
OF LASERS
AND OPTICS

16TH INTERNATIONAL EXHIBITION FOR LASER, OPTICAL AND OPTOELECTRONIC TECHNOLOGIES

29 March – 1 April 2022

www.photonics-expo.ru/en

12+

Organised by



Laser Association

EXPOCENTRE Fairgrounds, Moscow, Russia

PHOTONICS –

Russia's best trade show for optics and lasers

According to Russian National Exhibition Rating
www.exporating.ru



Product sectors

Cover all major fields of photonics: laser radiation sources, components, optical materials and elements, components and systems, fibre optics, a variety of laser equipment for material processing, measurement, artificial vision, optoelectronics and nanophotonics, photoelectronics and much more

[More product sectors](#)



PHOTONICS 2021 results



2,351 sq. m. of exhibition space
with new developments and equipment

155
companies

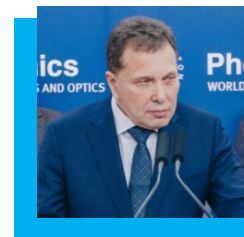
10
countries

5,808
visits



Yuri Mikhailov, Chairman of the Scientific and Technical Council of the Military-Industrial Commission of the Russian Federation and Deputy Chairman of the Board of the Military-Industrial Commission of the Russian Federation

"The exhibition shows that the development of this scientific and technical field in the country continues apace, and the figures for the participation of enterprises, organisations, countries proves that interest in the exhibition continues to be sustained".



**Photonics 2021
overview video**



www.photonics-expo.ru/en



Exhibitors are the key laser and optics market participants



155 companies
from **10** countries



Exhibitors included

Bühler Leybold Optics, Mazak, Mitutoyo, Oxapa GmbH, Rosendahl Nextrom Oy, Trotec Laser GmbH, VM-TIM GmbH, IZOVAC Technologies, IRE-Polus (IPG Photonics), Laser Components, Laser Centre, Lasery i Aparatura (Lasers and Hardware), Lassard, Inject RME, OKB Bulat, the Perm Scientific-Industrial Instrument Making Company, SOLAR LS, Shvabe Holding, Elektrosteklo, EssentOptics

Newcomers

Conetech Ltd, Micro-Hybrid Electronic GmbH, Aivok, Alexandra-Plus, Biznes-Logistica, Crystal T, Crystal Optics, Crystals of Siberia, LaserBee, LaserLink-S, Megatools, Allready, Technokauf, Juventa, etc.

Universities and research institutes

The Bauman Moscow State Technical University, the Tomsk State University of Control Systems and Radioelectronics, the ITMO University, Dukhov Automatics Research Institute, the Russian Metrological Institute of Technical Physics and Radio Engineering, the Russian Research Institute for Optical and Physical Measurements, the Stelmakh Polus Research Institute, Semiconductor Instrumentation Research Institute, LUCH SRI SIA and others



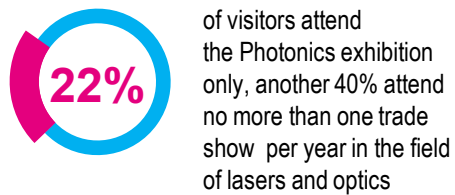
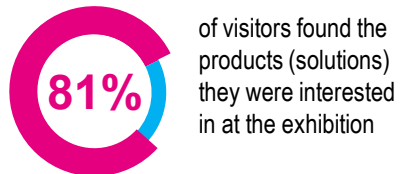


PHOTONICS – Russia's most attended laser and optics event



5,808 professional visitors from **22** countries,
70 regions and **225** cities of Russia

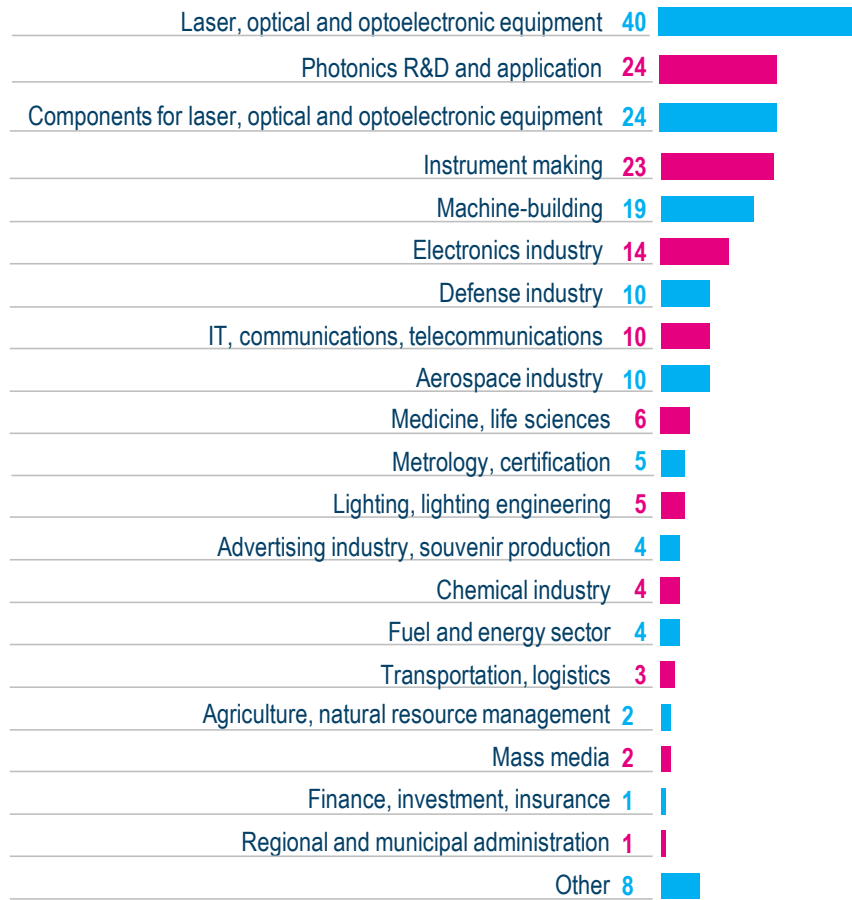
Only target audience



	Albania		France		Republic of Korea
	Armenia		Germany		Russia
	Austria		Iran		Slovenia
	Belarus		Kazakhstan		Switzerland
	Belgium		Kyrgyzstan		Sweden
	Canada		Latvia		Tajikistan
	China		Lithuania		the USA
					the UK



Visitors by industry sectors, %





Visitor profile, %*

20	Engineer / technologist / designer
17	CEO / Head of organisation
14	Head of department
12	Specialist
10	Researcher
10	Student
7	Deputy Head of organisation
5	Technical Director / Chief Engineer / Chief Designer
3	Head of division / department

* Source: visitor questionnaires

** Multiple replies are possible

Maximum target audience

Visitor preferences, %**

57	Laser radiation sources and components
44	Optical materials and technologies
42	Optical elements, components and systems
36	Laser equipment for cutting, welding, marking and other types of processing
32	Fiber optic equipment
32	Laser and optical test equipment
28	Optoelectronics, nanophotonics
26	Equipment for artificial vision, sensors, detectors
23	Research equipment
17	Night vision equipment, optic and laser sights
17	Photoelectronics, solar energy
17	Optical systems for data logging, storage and transmission
16	Light emitting diodes, lighting engineering, illuminating and lighting systems
12	Biomedical equipment based on photonic technologies
12	Laser and optical security equipment
11	Hologram equipment and materials
11	Innovation centres, technology transfer centres
10	Laser technologies in advertising, production of gifts
10	Servicing of laser and optical equipment
10	Displays, equipment for light show
9	Training, information support
6	Agrophotonics (photonics technology in agriculture)



43%

of visitors plan to make purchases after the exhibition





Topical industry conference programme

Events with representatives from key laser and optical organisations

26 events:
conferences, panels,
presentations and workshops

over **160** reports
on different fields of photonics
and its application

Events include:

- Meeting of the Expert Council on Photonics at the State Duma Commission on Legal Support for Development of the Defense Industrial Sector of Russia
- Open joint meeting of the Council of the Laser Association, the Secretariat of the Russian Technology Platform on Innovative Laser, Optical and Optoelectronic Technologies – Photonics, and the Board of Founders of the Eurasian Photonics Technology Platform
- Photonics in Agriculture and Environmental Management
- Open Training for WorldSkills Russia Laser Technology Team of the Future Skills Block

Full conference
programme



Organised by



61% of visitors
participated
in one or more
of the conference
programme events *



* Source: visitor questionnaires



Feedback from PHOTONICS 2021 participants

More feedback



Nikita Pikhtin,

Head of Centre of Nanoheterostructure Physics,
Laboratory Manager in the Ioffe Physical-Technical Institute,
Saint-Petersburg

"Our Physical-Technical Institute is a regular exhibitor at the Photonics exhibition. For more than 10 years, we have been demonstrating our developments in the field of semiconductor nanoheterostructures here. People come to us with interesting proposals and, what is more important, there are few outside visitors. It is much more interesting and useful to communicate with people who clearly understand exactly what they need - the conversation immediately becomes meaningful. And quite often such contacts later develop into specific contracts. This year we had a lot of visitors at our stand - to be honest, we did not expect that and we did not bring all the samples for demonstration. Next year, with this in mind, we will try to equip a full-fledged stand and show our exhibits more widely".



Vyacheslav Barantsev,

Head of Photonics in the Center of the National Technologic Initiative, Perm

"Here we can meet with colleagues with whom we don't always have the opportunity to communicate in person due to our geographical remoteness and the time difference. We are in the middle of the country: Moscow and St. Petersburg are on one side, Novosibirsk, Tomsk and Vladivostok - on the other. At the exhibition, we all get together and are on the same page, we have the opportunity to share successes and problems, make some new connections and record the agreements made over the phone. Even just looking into each other's eyes in person makes further interaction much easier. A lot of useful meetings take place at our stand".



**Кристаллы
Сибири**

Alexander Yurkin,

Director of Crystals of Siberia,
Novosibirsk

"It's a community where the whole 'photonics' crowd gathers, where you can just talk live with people. All modern means of communication don't offer the same opportunities as face-to-face communication. All the more so because we are discussing quite complicated things here. After all our laser and optical industry is tuned to solve non-standard tasks. And non-standard tasks need non-standard equipment. And this is a great opportunity to talk about it. I have already made up my mind to participate in all future Photonics exhibitions. This trip convinced me of it - the money spent will pay off. It is necessary to participate, it is necessary to network. This is an important and necessary business".



Anna Tsygantsova,

Deputy Director General, Lasers and Apparatus TM,
Moscow, Zelenograd

"Until recently, we were pondering whether to continue participating in this exhibition or to start investing in some other format, to hold some events at home. But the way the current exhibition is going, we have come to the firm conviction that we should definitely take part in Photonics. This year, in addition to our regular customers, we have also had some visitors who we have not met before, and some of the old ones have new tasks".



PHOTONICS 2021 exhibitors

These companies have evaluated the effectiveness of their participation in Photonics 2021 and have already signed contracts to participate in Photonics 2022



- **Buhler AG (Switzerland)**
- FRT GmbH (Germany)
- **HAMAMATSU (Sweden)**
- Hangzhou Freqcontrol Electronic Technology Ltd. (China)
- Rosendahl Nextrom GmbH (Austria)
- Shanghai SICCAS High Technology Corporation (China)
- Unilaser (theUSA)
- Avesta-Project OOO (Russia)
- Azimuth Photonics (Russia)
- BIC-Info OOO (Russia)
- OKB BULAT (Russia)
- Vicon (Russia)
- VNII OFI (Russia)
- IRE-Polus (Russia)
- CameraIQ OOO (Russia)
- Kugel OOO (Russia)
- LazerBee OOO (Russia)
- Lasercut Trading House (Russia)
- Laser Components (Russia)
- Laser Center (Russia)
- **Lasers and Apparatus (Russia)**
- Laserform OOO (Russia)
- **Lassard OOO (Russia)**
- LLS OOO (Russia)
- Macro Group (Russia)
- NPK MacroOptika (Russia)
- Nolotech (Russia)
- NPK Fotonika (Russia)
- Applied Mechanics (Russia)
- Rostox-N (Russia)
- Smorgon Plant of Optical Machine-Tool Building (Belarus)
- SOLAR LS (Belarus)
- Special Systems. Photonics (Russia)
- OKB Spectr (Russia)
- Tidex (Russia)
- Uranium Scientific and Production Company (Russia)
- Sharplase (Russia)
- Elektrosteklo (Russia)
- EssentOptics OOO (Belarus)
- YE Photonics (Russia)

Showcase your
company's products
and services at the
biggest gathering
of laser optics suppliers
and consumers
in Russia

Join us at PHOTONICS 2022!



Exhibition team

We will advise you on how to choose the best participation option
to suit your objectives and budget.

Feel free to contact us!



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Book a stand



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