

A1. EXHIBITION WORKSHOP

Зал Пьемонт, 3 этаж
24 Июня 2026, 11:30–13:30
Язык мероприятия: русский и английский

Piedmonte Room, 3rd floor
June 24, 2026, 11:30–13:30
The event will be held in English and Russian

11:30–11:45

Стратегический партнер полного цикла в области оптики и фотоники: 10 лет экспертизы АО «ЛЛС»
Сердюк Е. Б., АО «ЛЛС», Россия

Full-cycle strategic partner in optics and photonics: 10 years of expertise from SC LLS
Serduk Egor, SC LLS, Russia

11:45–12:00

Компактные импульсные диодные драйверы для накачки Nd:YAG лазеров и блоки управления затворами от ООО «ОЕМ Тех». Разработка и производство
Старовыборнов А. Б., ООО «ОЕМ Тех», Беларусь

Compact pulsed pump-diode drivers for Nd:YAG lasers and Pockels cell drivers from OEM Tech — design and manufacturing
Starovybornov Andrey, OEM TECH, Belarus

12:00–12:15

Новые разработки компании «АВЕСТА»
Диденко Н. В., ООО «АВЕСТА», Россия

Avesta's recent product development
Didenko Nikita, LLC Avesta, Russia

12:15–12:30

Фемтосекундная компенсация дисперсии лазерного излучения, широкополосное управление поляризацией и ультрафиолетовая нелинейная фотоника: от chirpiрующих зеркал и свержахроматических волновых пластин до кристаллов CLBO
Лукьянов В., C-Component (Presenting on behalf of Shalom EO, China)

Femtosecond Laser Dispersion Compensation, Broadband Polarization Control, and Ultraviolet Nonlinear Photonics: from Chirped Mirrors, Super Achromatic Waveplates, to CLBO crystals
Lukyanov Vladimir, C-Component (Presenting on behalf of Shalom EO, China)

12:30–12:45

Инфраструктурные решения для лазерной лаборатории: Безопасность, Эргономика
Ляпин А. А., ООО «ФотонТехСистем», Россия

Infrastructure solutions for laser laboratories: Safety, Ergonomics
Lyapin Andrey, PhotonTechSystem LLC, Russia

12:45–13:00

Достижения в области мощных Nd:YAG лазеров с накачкой VCSEL-диодами
Li Yang, LASERCONN, Китай

Advances in High-Energy VCSEL-Pumped Nd:YAG Lasers
Li Yang, LASERCONN, China

13:00–13:15

ЗАО «СЛС Прайм Технолоджи» — лазеры и лазерные системы для научных исследований и промышленных задач
Бобчик А., ЗАО «СЛС Прайм Технолоджи», Беларусь

CJSC “SLS Prime Technology” — Lasers and Laser systems for Science and Industry
Bobchik Arina, CJSC “SLS Prime Technology”, Belarus

13:15–13:30

Пьезоактуаторы российского производства в управляемых зеркалах
Карев П. В., ООО «Пьезопривод», Россия

Piezoactuators manufactured in Russia for Fast Scanning Mirrors
Karev Pavel, LLC PIEZOPRIVOD, Russia

EXHIBITION “LASERS AND PHOTONICS”



AVESTA
LASERS AND OPTICAL SYSTEMS



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AVESTA Ltd. produces femtosecond lasers and relevant measurement equipment and accessories. We offer Ti:S, Yb and Cr:F solid-state fs and CW lasers, Ti:S, Yb and Cr:F fs mJ-level amplifiers up to multi-TW level, fiber lasers (Er-, Yb-doped and frequency-doubled, frequency combs and supercontinuum systems), as well as optical parametric oscillators and amplifiers.

The diagnostics include autocorrelators, VIS and IR spectrometers, cross-correlators, SPIDER. Additional components like pulse pickers, pulse compressors, Faraday isolators and rotators, THz generators, attenuators and harmonic generators are also available.

We also develop customized systems based on requirements. Our optomechanics division produces a broad range of optomechanical products like adjustable mirror mounts, translation stages, rotation stages, motorized components.

Laser Components LLC is a big Russian supplier of optics, laser, measuring and equipment for the manufacture of optical components, as well as a wide range of highly reliable electronic components and vacuum and semiconductor equipment from leading manufacturers in China.

The company is constantly increasing the range and volume of supplies, providing organizations and enterprises in critical sectors of the economy with modern and reliable instruments and components, analogues that successfully replace Western products. All products are characterized by high reliability, impeccable quality, safety and ease of operation and are provided with warranty and service. Laser Components LLC has a quality management system certificate according to GOST ISO 9001-2001 (ISO 9001:2008), as well as GOST RV 0015-002-2012.

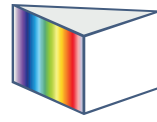
Among our clients are more than 50 organizations that are part of the Rosatom and Rostec state corporations, more than 10 organizations of the rocket and space industry, as well as about 30 research institutes.



**SSPA «OPTICS, OPTOELECTRONICS,
AND LASER TECHNOLOGY», BELARUS**

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State Scientific and Production Association of Optics, Optoelectronics and Laser Technology has been created by National Academy of Sciences of Belarus in 2011. SSPA “Optics, Optoelectronics and Laser Technology” includes such well-known organizations as B.I. Stepanov Institute of Physics of National Academy of Sciences of Belarus, Center of LED and Optoelectronic Technologies of National Academy of Sciences of Belarus, Centre of Geophysical Monitoring of National Academy of Sciences of Belarus etc. Main research and development activity of the SSPA “Optics, Optoelectronics and Laser Technology” belongs to the fields of laser physics, nonlinear optics and laser spectroscopy, microwave photonics, photoelectronics, robotic systems and sensors. Own mechanical and optical departments enable manufacturing of lasers and optics with required characteristics in the shortest time periods. One of the main directions is development and manufacturing of compact eye-safe pulsed erbium glass lasers, powerful diode-pumped Nd:YAG lasers, and optical parametric oscillators for wide temperature range.



Shalom EO

SHALOM EO, CHINA

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Shalom EO is an industry-leading manufacturer and supplier specializing in high-precision optics, laser crystals, wafers and scintillators. With decades of technical expertise, our engineering and sales teams provide expert solutions tailored to diverse applications, including laser systems, thermal imaging, nuclear detection and semiconductor research. As your steadfast partner, we collaborate closely on technical advancements to propel your projects to new heights. We operate a state-of-the-art, ISO9001-certified production line, ensuring a seamless balance between sophisticated custom manufacturing and quick-turnaround bulk orders. Committed to excellence, we utilize advanced metrology, such as Zygo interferometers, to guarantee stringent quality standards. Every product includes a detailed measurement report and a 12-month warranty. Our inventory features thousands of standard components available for convenient online ordering and fast global dispatch. Since 2025, Shalom EO have an official distributor C-Component in Russia to deal with the business in Russia.



AZIMUTH PHOTONICS, RUSSIA

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AZIMUTH PHOTONICS's core business is supplying optoelectronic components from leading global manufacturers in Russia, developing new projects, and providing technical and informational support to customers. We supply optoelectronic components such as X-ray modules, photodiodes, photomultiplier tubes, detectors, CCD/CMOS, IR arrays, IR emitters, scintillation materials, laser diodes and laser modules, and DPSS lasers. Our goal is to facilitate the development and support of projects by Russian manufacturing companies, introducing modern technologies and innovative optoelectronic solutions into mass production.

Our customers include large Russian manufacturing companies and research institutes working in various sectors of electronics development and production, including industrial electronics, medical and household appliances, diagnostic equipment, scientific and experimental research, and others.

In 2019, we launched a new business line – supplying integrated systems and components for microscopy applications. Today, this division specializes in equipment selection for a wide range of applications: ontogenetics, electrophysiology, neurobiology, live cell imaging, microfluidics, phenotyping, and more. We help our clients find everything they need for their experiments, from laboratory glassware to microscopes with climate chambers.

In 2022, we launched a new project, <https://phantomlab.ru/>, featuring simulation equipment for medical personnel training. We offer phantoms and mannequins for practicing medical examinations, surgical procedures, ultrasound and X-ray examinations, punctures and injections, and more.



SemiTEq JSC, RUSSIA

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SemiTEq JSC is leading Russian manufacturer of semiconductor equipment for microwave electronics and photonics.

Since 2001 SemiTEq JSC designs and manufactures epitaxial systems for A3N, A3B5 and A2B6 compound semiconductors growth, as well as wide range of wafer processing equipment.

Own design and production center, as well as Application Lab with wide library of basic technologies provide high research, production and service standards. Every completed project is a guarantee of quality for our customers.

Key Systems components have patented design and include SemiTEq's technology know-how. Increasing localization of production ensures independence from imported components and provide wide range of service solutions.



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LASERS AND OPTICAL SYSTEMS, RUSSIA

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OEM Tech designs and manufactures advanced power supplies with a strong focus on laser systems. We develop high-quality power electronics, AC/DC converters, and pulsers — including capacitor chargers, simmer supplies, flashlamp drivers to build a power supply for flashlamp-pumped lasers, and laser diode drivers for DPSS lasers such as Nd:YAG. Our solutions power a wide range of pulsed systems, including Alexandrite, Er:YAG, Ho:YAG, CTH:YAG, Nd:YAG, Er:Glass, fiber lasers (TFL, EFL), direct diodes, and IPL systems. We also provide fast Pockels cell drivers for Q-switches, pulse-pickers, and other applications (up to 10 kV and 4 MHz), as well as RF generator modules.

With an in-house R&D department, we deliver customer-tailored solutions for demanding laser applications.

“Lasers & Optical Systems” Co. Ltd. is a research and industrial company producing solid-state lasers and systems. We combine science and industrial experience to meet consumer demand and to innovate cutting-edge technologies into our products. We produce high-power diode pumped solid state lasers and laser systems for various applications. We have been in the market for over 30 years and our brand is well-recognized both in Russia and abroad. LOS participates in the ITER Project in the European Fusion Programme.

ЛАССАРД



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LASSARD LLC is a Russian vertically integrated company that independently conducts all production cycles. Since 2015, it has been developing, manufacturing, and selling optomechanical products, lasers, laser systems, and laser machinery.

LASSARD is part of the Varton Group, which has been active in the industrial production market since 2008.

The company designs and manufactures equipment, systems, and components for various industries and activities: microelectronics, medicine, the energy industry, automotive and aircraft manufacturing, the oil and gas industry, communications systems, and telecommunications.

PHOTONIC TECHNOLOGY SYSTEMS LLC, RUSSIA

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The research and production company PhotonTechSystem LLC was founded by a group of scientists in 2017.

We manufacture educational photonics kits, laser beam visualizers, optical table, laminar flow box, laser safety solutions, lasers, visualizers, laboratory furniture, optical and fiber components. Our goal is to integrate the results of scientific and educational activities in the field of photonics and business. PhotonTechSystem are based on the spirit of partnership, continuous development and high quality.



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SLS Prime Technology is a manufacturer of lasers & laser systems for solving scientific and industrial tasks of any complexity. The company's main specialization is development and production of pulsed solid-state lasers that generate laser radiation with specified characteristics in various spectral ranges from UV to IR. We offer solutions in the following product lines:

- DPSS Lasers
- Flash Lamp Lasers
- OPOs & Tunable Laser Systems
- Custom Laser Systems

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Piezoprivod Ltd. produces piezoactuators, scanning mirrors and drivers for them. Piezo Actuators (PA) provides precise and dynamic motion in compact size. Standard PA provides stroke 35...430 μm , blocking force 12...164 N and resonance frequency 312...1670 Hz. Fast Steering Mirrors (FSM) are produced on PA basis and provides angular stroke 0.5...18 mRad and resonance frequency 60...400 Hz. Mirrors based on composite diamond-silicon carbide material AKK Skeleton. The density of material is 3.4 g/sm³. The weight of mirror with 60 mm optical surface is 130 grams. Mirrors passed the tests for reflection and power resistance. Piezo Actuators and FSM are driven by own Drivers, Strain Gauge Boards and Strain Gauges (SG) for sensor feedback. Piezo Actuators are capable of providing precision and high-speed operation not achievable for standard electromagnetic motors.



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SC LLS is a full-cycle technology partner in photonics, optoelectronics, and laser technologies. Resident of ITMO University Technopark, member of the Laser Association.

Key focus areas:

- Comprehensive laboratory equipment: optomechanics, test and measurement equipment, hyperspectral cameras;
- Fiber-optic systems: components and fiber handling equipment;
- Laser systems: continuous-wave, pulsed, broadband, and supercontinuum sources;
- Optical communications: RF photonics, time and frequency standards, quantum technologies.

Core services:

- Laboratory and production line setup
- Technology transfer and engineering
- Service and support (warranty / post-warranty, repairs)
- Testing and certification
- Installation, commissioning, personnel training

LASERCONN, CHINA

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Laserconn is a Beijing-based manufacturer specializing in high-power vertical-cavity surface-emitting lasers (VCSELs) and high-energy diode-pumped solid-state (DPSS) lasers. With over a decade of dedicated effort, Laserconn now delivers the highest efficiency and power density in 808nm, 940nm, and 975nm VCSELs for solid-state laser pumping. Compared to conventional edge-emitting laser bars, Laserconn's 808nm high-power VCSEL chips offer multiple advantages for Nd:YAG laser pumping, including exceptional reliability with no catastrophic optical damage (C.O.D.), stable wavelength with a low temperature coefficient of 0.068nm/°C, a wide operating temperature range from -60°C to 85°C, an extended lifetime of up to 50 billion shots, and significantly lower cost per watt. Leveraging the unique characteristics of VCSEL chips and patented pumping geometry, Laserconn has also developed high-energy VCSEL-pumped laser gain modules that deliver high optical efficiency and uniform optical distribution. These modules are widely used in Q-switched and MOPA-based DPSS lasers, supporting pulse energies from 10mJ to 100J and repetition rates from 10Hz to 1kHz. Thanks to the long lifetime, high reliability, and low cost of VCSEL technology, these VCSEL-pumped lasers are poised to replace conventional laser bars and lamp-pumped Nd:YAG lasers in medical, scientific, and industrial applications—including aesthetic lasers, LIBS, PIV, PLD, LIF, OPO, laser shock peening, wafer annealing, and more.

Founded in 2015, Laserconn is now an ISO9001, ISO13485, and GMP-certified manufacturer, with 1,200 square meters of R&D office space, 3,700 square meters of manufacturing facilities, and a team of approximately 100 employees.



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AKMETRON, RUSSIA

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ETM Photonics, LLC supplies equipment for scientific research in the fields of photonics, laser physics and quantum optics. Founded in 2021 in St. Petersburg, with a branch in Moscow. All company employees have higher technical education or specialized education related to direct job responsibilities.

Since 2021, the company has been a member of the Lomonosov Moscow State University Quantum Technology Center.

We directly work with manufacturers and independently carry out customs clearance of imported products, which ensures fulfillment of warranty obligations and high-speed delivery at reasonable prices. At the same time, the company is constantly working to find new manufacturers of high-quality products, create new logistics chains and additional hubs in the most important regions for supplies, and establish financial and business relationships that allow us to maintain stability and uninterrupted supply of complex scientific equipment.

Akmetron JSC is a software developer, manufacturer, and a leading system integrator.

Since 2012, Akmetron has been advancing its expertise in testing, metrology, photonics, and microelectronics, building the infrastructure essential for the country's technological leadership.

Core Business Areas:

- Supply of measurement and testing equipment
- Comprehensive laboratory and production facility equipment solutions
- Software development and process automation
- Career development in technology through training and internships
- Production of ESD-protected furniture
- Equipment calibration and diagnostics
- Maintenance and repair services.