

Exhibitor Listing



Alrad Photonics

Alrad Photonics will be showing a range of compact, low power, laser diode modules, including spot and line emitters and the StingRay series of high performance / high functionality structured light lasers. These will be complemented by a selection of optical components, including optical filters and diffraction gratings.

S48



AP Technologies

We supply singlemode & multimode laser diodes, modules & systems from 445-1850nm while our LED range includes components, arrays & systems from 240-1850nm. Our detection solutions include Silicon Photomultipliers & photodiodes including VUV/electron sensitive devices as well as Visible & NIR single photon counting systems, TDCs and CFDs. APT also distribute Liquid Crystal shutters, polarisation modulators and filters.

S11



Avantes UK

Avantes new miniature Sensline and Starline fibre optic spectrometers, have significant performance improvements, with high sensitivity, new ultra low stray light, interchangeable slit, TE cooling and back thinned detectors.

S46



Bentham Instruments Ltd

Light is our passion. At Bentham our vision is to help drive optics and photonics research with accurate and reliable instrumentation for the optical characterisation of sources, detectors, material and for in vivo applications. We are excited to present industry-leading research tools including UV-Vis-IR spectrometers, photoluminescence systems and tuneable light sources for the investigation of next generation optical fibres, novel light sources, photovoltaic devices and metamaterials.

S6



CSC

The Compound Semiconductor Centre (CSC) is Europe's new home for product, services and skills development in compound semiconductor technologies. Providing cutting-edge facilities that help researchers and industry work together CSC, based in Wales, will position Cardiff as the UK and European leader in compound semiconductors. CSC is a joint venture between compound semiconductor specialists IQE and Cardiff University.

S22



EG Electronics / Sony

In close cooperations with selected suppliers and customers in key markets, we strengthen their competitiveness by adding value through the provision of tailored solutions based on electronics components and systems with additional services.

S24



Elliot Scientific Ltd

"Leading manufacturer and distributor of lasers, high-brightness and LED light sources, optics, fibre-optics, sensors and instrumentation, vibration control platforms, positioning systems, optical tweezers, and materials characterization systems."

S32



Fibercore

S20

Founded 1982, Fibercore is a leading innovator, designer and manufacturer of specialty fiber serving customers across the world. Products include specialty fiber for the Aerospace, Defence, Telecommunications, Oil & Gas, Energy, Medical and Fiber Laser industries – the business is a global market leader.



Future Photonics Hub

S2

The Future Photonics Hub is exploring photonic integration across all major technology platforms for the first time ever, working with partners and end-users across a wide range of industries to improve cross-platform capability, reliability, yield and to reduce costs.

&

S3



Hamamatsu Photonics

S29

Hamamatsu will introduce the C12880MA Micro Spectrometer; an ultra-compact, fingertip size spectrometer head offering wider spectral response and high sensitivity over the UV to visible range. It offers a spectral range of 340 – 850 nm and a sensitivity two orders of magnitude higher than the original C12666MA Micro Spectrometer, which won the 2015 Prism Award for detectors and sensors at Photonics West 2015.



Interface Precision Engineering

S23

IPEL is a specialist Sub contract precision manufacturer based in East Sussex. Specialising in the highest quality Machined, Fabricated and Pressed components / assemblies in a whole raft of materials from Aluminium, Steels, Refractories (Niobium, Tantalum, Molybdenum, Titanium etc.), Copper, Brass, Plastics (PTFE, Nylon Acetyl etc.) and ceramics.



Lambda Photometrics Ltd

S34

Lambda is a leading supplier of characterisation, measurement and analysis equipment. Our scientists and engineers provide expert technical advice, working with you to ensure you receive the best information and get the best solution for your needs.



Laser 2000

S8

Laser 2000 serves the market since nearly 25 years with state-of-the-art photonic and optoelectronic products. Our range includes lasers and laser safety, cameras, motion control, optics, LED light sources, adaptive optics, and much more. By understanding our customers' needs as well as the capabilities of our large range of standard or custom-made products, we help to find the best possible solution.



Laser Components (UK) Ltd

S14

LASER COMPONENTS will be exhibiting detectors, single photon counting modules, laser diodes/IR emitters, laser modules, measurement technology, fibre optics, optics, optical filters, electronics, safety eyewear and accessories.



Laser Quantum

Laser Quantum, the UK's largest laser manufacturer, offers a wide range of CW and ultrafast lasers and oscillators and has been delivering lasers worldwide to science and industry for over 20 years. We offer exceptional beam performance, with long warranty periods that reflect our robust designs.

S36

Laser Support Services



Laser Support Services

We distribute quality new and used lasers and laser products worldwide. Our supplies include optical mounts, positioners, precision apertures, optics, optical tables, IR cameras, viewers and safety eyewear, and most makes of ion lasers can be supported by our established repair service. NEW "One Stop One Shop" at Harwell offering engineers, scientists, and researchers the opportunity to touch, test, view and buy products from all our major suppliers.

S44



Lenton Furnaces

Lenton has an enviable reputation for innovative design, advanced technology and outstanding quality in the field of electric chamber, tube furnaces and ovens for research, quality control and pilot plant applications.

S19

Leybold Vacuum

Worldwide company trading for over 160 years, offering customers the largest sales and after sales network in the industry. Manufacturing range includes fore & high vacuum pumps, vacuum gauges, leak detecting instruments, flanges, fittings and valves as well complete vacuum solutions. Full UK service support & vacuum training for customers.

S16



MotionLink Ltd

Supplier of a wide range of Motion Control components and complete systems to customer specification. From Galil Motion, AMC Inc. and Gurley Inc., Motion Controllers, Servo amplifiers and Encoders. Piezo stages from Micronix USA. High accuracy linear and rotary stages from Primatics Inc. Custom Positioning systems with our own Linear and Rotary stages.

S43



Newport Spectra-Physics

provides a wide range of products and solution to make, manage and measure light to the research and industrial markets. Product offering include: laser systems, spectroscopy instruments, light sources, laser beam measurement devices, vibration control equipment, optics, micro and nano positioning solutions, opto-mechanics and photonic instrumentation.

S28



Ocean Optics BV

Ocean Optics supply a wide range of modular spectrometer systems and optical sensor solutions. We will be exhibiting our latest Raman engine, miniature UV, VIS and NIR spectrometers and our SpectroCam multispectral imager.

S4



OpTek Systems

OpTek Systems is a global supplier of precision laser micromachining equipment and sub-contract processing services. Alongside precision engineering processes like micro drilling, cutting, scribing and milling, OpTek pioneered LaserCleave™ for precision laser processing of optical fibers (stripping, cleaving, lensing and fusing), for production termination of advanced fiber optic interfaces and interconnects like optical HDMI and USB4.

S10



PI Ltd

PI will display positioning products, appropriate for use in the fast and accurate alignment of optical components and measurement samples. Included will be ultrasonic motor driven stages, Hexapod multiaxis positioning robots and low cost lever amplified piezo actuators.

S49



PI -KEM Ltd

We are specialist suppliers of Advanced Materials, Equipment & Components for R&D. Our wide range of products includes Coatings, Deposition Equipment, Evaporation Materials, Sputtering Targets, Ceramics, Single Crystal Substrates, Quartz & Sapphire, Silicone & Glass Wafers, Precious Metals & Graphene available as custom made to exact specifications or stocked products. Come and speak to our scientific Sales Managers about your research needs.

S21



Princeton Instruments

Provides state-of-the-art CCD, ICCD, EMCCD, emICCD, X-Ray and InGaAs cameras; spectrometers; spectrographs; imaging systems; optics and coatings that are key to the success of your application. Please stop by to learn about our next generation camera offerings and to discuss your requirement.

S31



Pro-lite Technology

OUR FOCUS IS ON PHOTONICS. We supply components, instruments equipment for laser safety and a full light measurement service. Meet us for a face-to-face discussion and discover our capabilities!

S33



Rockley Photonics

Rockley Photonics was founded in 2013 by a leadership team previously successful with two silicon photonics companies. We are rapidly building an impressive multi-disciplinary team with extraordinary experience in integrated optics, CMOS electronics, software and computer networking. Rockley Photonics represents the commercialization of silicon photonics in its most exciting form to date.

S15



Thermal Vision Research

Thermal Vision Research Ltd has the experience, knowledge and time to spend with you during the selection process to ensure you have the right thermal imaging equipment, software, training and back-up.

S45



Thorlabs

Thorlabs designs, develops, and manufactures building blocks for the Photonics industry, including optomechanics, motion control electronics, nanopositioning stages,

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fiber & optical components, laser diodes, tunable lasers, and vibration isolation systems. In addition, we can provide system-level solutions including complete OCT & imaging systems, like confocal & adaptive scanning optical microscopes.