

Exhibitor Listing

| Logo   | Company Name   | Stand No   |
|--|--|------------|
|    | <p><b>Acal BFi UK</b><br/>Acal BFi have been active in Photonics since 1973 and offer a full range of products and services for the Photonics industry. From light generation (lasers, diodes) and handling (optics, opto-mechanical, photoelastic modulators), to light detection (spectroscopy or photometry devices), we will provide the optimum solution for your application.</p>  | <b>S13</b> |
|    | <p><b>ACKTAR Europe (ACM Coating GmbH)</b><br/>Acktar is the world leader in ultra-black, light absorbing coatings and materials. Our deep black, light absorbing coatings and foils work in a broad wavelength range from UV thru VIS to IR. Main application fields for those ultra-black coatings are stray light suppression, Laser power absorption and high-emissivity coatings in the wide field of technical optics and photonics.</p> | <b>B16</b> |
|   | <p><b>Aerotech Ltd</b><br/>We design and manufacture the highest performance motion control, positioning tables/stages, and positioning systems for our customers in industry, government, science, and research institutions around the world. Typical applications include Fibre alignment, beamline experiments and Industrial Laser micromachining systems to name a few.</p>  | <b>E12</b> |
|  | <p><b>Alrad Imaging</b><br/>Alrad Imaging will show a variety of CCD and CMOS cameras for use in Scientific and Industrial applications. A high dynamic range InGaAs SWIR camera will be featured. Megapixel Lenses and High Intensity LED lighting will complete the Imaging products offer.</p>  | <b>C22</b> |
|  | <p><b>Alrad Photonics</b><br/>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.</p>  | <b>C21</b> |
|  | <p><b>Andor Technology</b><br/>Andor is a global leader in the manufacture of high performance light measuring solutions that allow customers to perform light measurements that were previously considered impossible. With a portfolio spanning high-performance scientific digital cameras, spectrographs and microscopic systems Andor is a world leader in scientific imaging, spectroscopy systems and microscopy systems.</p>           | <b>A04</b> |
|  | <p><b>AP Technologies</b><br/>APT supply 445-1850nm laser diodes, modules &amp; systems. Our LED solutions span 240-1850nm and we also offer IR emitters. Detectors include PbS &amp; PbSe; Silicon Photomultipliers &amp; Si photodiodes including VUV/electron sensitive devices and Visible/NIR single photon counting systems. APT also supply Liquid Crystal shutters, polarisation modulators &amp; filters.</p>                         | <b>A14</b> |

## Exhibitor Listing



### **Armstrong Optical**

**E31**

Founded in 1997, Armstrong Optical Ltd. is a specialist supplier of optical metrology instruments for both R&D and production. This includes interferometers for measuring shape, distance and thickness and instruments for MTF, optical centration, focal length and most optical parameters. In addition we supply chromatic confocal sensors and controllers and custom optical / mechanical assemblies. We are partners in the UK for **Trioptics**, **SIOS**, **Precitec Optronik** and other fine companies.



### **Buhler Ltd**

**F20**

Coating systems for precision optics applications. Come and see for yourself the technological advantages of the industry proven Helios systems; the high-performance, production-proven SYRUSpro family; and the optical monitoring system 'OMS 5100', the guarantor of precision. In addition, Buhler are the UK agents for Borer Chemie precision cleaning solutions see us on stand F20.



### **Casix Inc.**

**E32**

CASIX focuses on developing and manufacturing high quality crystals, precision optics components and optical sub-assemblies for market applications in optical communications, commercial lasers, instrumentation, surveying, measuring & scanning and medical. Casix now supports higher precision, higher damage threshold coatings for high power laser optics.



### **Centre for Process Innovation**

**IL02**

The Centre for Process Innovation (CPI) is a UK based technology innovation centre and the process arm of the High Value Manufacturing Catapult. Established to support the UK process manufacturing industry, CPI collaborates with universities, SMEs and large corporates to help overcome innovation challenges and develop next generation products and processes.



### **COMSOL Ltd**

**A08**

COMSOL is a global provider of simulation software for product design and research to technical enterprises, research labs, and universities. Its COMSOL Multiphysics® product is an integrated software environment for creating physics-based models and simulation apps. A particular strength is its ability to account for coupled or multiphysics phenomena. COMSOL's analysis tools cover applications including optics and photonics, RF and microwave, semiconductor processes, molecular flow, and MEMS, to name a few.



### **COTEC GmbH**

**D11**

Cotec develops and provides systems, materials and equipment for PVD thin film technologies. Long experience in thin film coating processes combined with continuous research and development are the key factors for improved materials and parts i.e. evaporation materials, sources and accessories, sputtering targets and "easy-to-clean" coatings.



### **Crystran**

**E21**

At Crystran we are optical engineers specialising in fabricating components from IR and UV materials. The materials that we work with are mainly crystal or innovative glasses used for their particular transmission properties, from which we derive the name of our company.

Exhibitor Listing



**Delta Optical Thin Film**

**E41**

Delta Optical Thin Film is a world-leading manufacturer of optical thin film coatings with more than fifty years of experience. In the 1960s, Delta Optical Thin Film pioneered optical monitoring techniques to control deposition. With its unique and advanced optimisation software to match customers' particular optical specifications, Delta Optical Thin Film ensures a fast and efficient design process.



**Electro Optics / Imaging & Machine Vision Europe**

**tba**

Leading Europe-wide publication for the photonics industry, covering business, applications and technology. Supported by a regularly-updated website, and two monthly email newsletters, it is the primary source of information for anyone looking to do business in photonics.



**Exception EMS-Fabrinet**

**E32**

Based in the UK, with overseas manufacturing strategically placed in the USA and Thailand, our expertise in the specification, design, NPI, assembly and test of complex printed circuit boards with careful attention to design for manufacture and risk adverse supply chain solutions maximises the life cycle of your product and minimises early obsolescence.



**Elliot Scientific**

**B10**

"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."



**Fiberguide Industries Inc.**

**B05**

Fiberguide provides efficient, cost-effective, practical fiber optic solutions engineered to meet specific needs of our customers worldwide. We specialize in manufacturing large core specialty optical fiber, high temperature metalized optical fibers, and we package these fibers in a variety of assemblies / bundles used for optical power delivery and optical sensing applications.



**Hamamatsu Photonics**

**C01**

Hamamatsu will introduce the ORCA-Flash4.0 series of scientific CMOS cameras, now featuring an exceptional 82% peak quantum efficiency and combining high sensitivity, resolution and speed – perfect for routine fluorescence microscopy through to super-resolution imaging.



**Hellma UK**

**D01**

We produce high quality optical materials for various applications from deep UV to IR. Our product portfolio includes Lithotec® calcium fluoride, barium fluoride, laser crystals and scintillation crystals supplied to diverse markets including Microlithography, Excimer Laser Optics, Analytical Instrumentation, Astronomy, Defense and more.



**High Finesse GmbH**

**D20**

A leading supplier of high precision wavelength meters and research electronics. Our investment in new technologies and the continuous development of our products sets new standards in accuracy and speed of optical wavelength

Exhibitor Listing

measurements. We offer sensitive and compact wavelength meters with a large spectral range for high speed measurement of lasers.



**HORIBA**

**F21**

This HORIBA division is the market-leading supplier of components and systems for fluorescence lifetime measurements, supporting a wide range of applications in leading-edge university and industrial research and development.



**Ibsen Photonics**

**C23**

We develop & manufacture transmission diffraction grating components & grating-based spectrometer modules. Our grating components are used in a broad range of applications in diverse industries. Our spectrometer modules are used in sensor systems & spectroscopy applications such as absorption and fluorescence spectroscopy, Optical Coherence Tomography, Raman Spectroscopy, & Laser Induced Breakdown Spectroscopy.



**Island Optics**

**A03**

A high quality optics manufacturing business specialising in precision flats such as mirrors, windows, beamsplitters, polarisers etc. We provide high quality optics at a reasonable price & with a fast delivery. Our manufacturing equipment includes five 48" polishing machines, several smaller polishing machines and a 12" interferometer. We can manufacture optics up to 500mm diameter.



**Lambda Photometrics**

**D10**

Lambda Photometrics are a leading supplier of characterisation, measurement and analysis equipment. Representing world leading manufacturers and providing full consultation & application support, we specialise in laser systems & accessories, optical metrology & IR test, microscopy, spectroscopy, vision systems, fibre optics, scientific instrumentation and electronic test & measurement solutions.



**Laser 2000 (UK) Ltd**

**C13**

Laser 2000 is a specialist distributor of high quality photonics and optoelectronics products. We offer a wide range of products that help to meet the demands of your applications, experiments or equipment – these include lasers, optics, optomechanics, scientific cameras, and motion control. Our demonstrations comprise of adaptive optics, beam profiling cameras, laser diode systems, and motion control solutions, alongside an assortment of other components.



**Laser Components (UK) Ltd**

**D15**

We supply optoelectronics-related components for the creation, guidance and detection of light. We serve a range of industries - laser industry, medical, military and automotive. As a manufacturer, we specialise in delivering custom solutions.



**Laser Lines Ltd**

**C02**

Laser Lines, a leading supplier of lasers and accessories, are exhibiting Cobolt DPSS, diode and pulsed lasers, including the ultra-compact DPL, Photonics Industries DPSS pulsed lasers and KMLabs ultrafast lasers. Gentec power meters, monitors & beam profilers including the new USB Integra will also be exhibited, plus Opto4u optomechanics and more from our wide range of products.



## Exhibitor Listing



### Light Tec

Light Tec offers optical design tools and optical engineering services. Our offering includes; optical design software tools (Code V, LightTools, LucidShape, RSOF) + technical support and training, scattering measurement tools including the development and sales of industrial products (“Mini-Diff” and “Reflet”). With our highly-skilled team of optical engineers, we also offer consulting and measurement services.

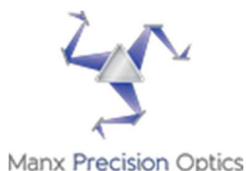
**E02**



### Lumenera Corporation

As a global market leader Lumenera provides an extensive range of high quality digital cameras with unique combinations of speed, resolution and sensitivity to satisfy the demands of today's imaging applications. Lumenera also offers custom design services to OEM partners requiring specialized hardware and software features.

**C40**



### Manx Precision Optics

Manx Precision Optics is a manufacturer of coated and uncoated high precision optical components. Our wide experience and modern production facility allows us to offer fast delivery at competitive prices even for specialist components. We also hold a wide range of stock. Please contact us or visit our website for more information.

**E24**



### MotionLink Ltd

Supplier of a wide range of Motion Control components and complete systems to customer specification. From Galil and ACS Motion Controllers, AMC Servo Drives, Gurley Rotary and Linear Encoders to Piezo stages from Micronix USA. As well as High accuracy linear and rotary stages from Primatics Inc. and Custom Positioning systems designed and manufactured in the UK using our own standard and bespoke Linear and Rotary stages.

**E23**



### Newport Spectra Physics

Newport Spectra-Physics Ltd 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.

**E20**



### OHARA GmbH

Ohara is a world leader in the development and manufacturing of optical glass, glass ceramic, fused silica, wafers and polished substrates. For almost 80 years, we supply our excellent products successfully into many challenging optical and optoelectronic key technologies. We serve the European market with a 24 hours delivery service from our branch office in Hofheim/Germany.

**B15**



### Omniscan Ltd

We are a supplier of surface analysis instrumentation and metrology solutions to industry and academia. We provide instrumentation and consulting for measurement of surface roughness, waviness and shape; layer thickness and optical properties ranging from the sub-nanometer to the cm scales along with surface modification and laser lithography.

**E30**

**Exhibitor Listing**



**OPTIX Co.**

We offer a cost-effective custom fabrication of precision optical components for a large variety of applications and market niches. We supply a broad range of spherical and aspherical glass components, infra-red diamond turning processing, flat-surfaced components, micro-optical components and rods for the medical industry, glass molding and optical coatings.

**C11**



**Optoelectronics Research Centre**

The ORC is a globally-leading photonics research institute. Pioneers of major developments in technology, including the fibre laser and the optical fibres and amplifiers that power the internet, we use our decades of experience, scientific expertise and industrial awareness to deliver solutions to real-world problems, spanning from aerospace and manufacturing to energy and healthcare.

**IL02**



**Orion Photonics**

Orion Photonics provide high performance thin film coatings that are used in a variety of critical applications such as aircraft cockpit displays, defense, lasers and instrumentation. The company works closely with its customers to develop new and innovative solutions.

**E33**



**P & T Consulting**

P&T Consulting Ltd will be promoting the Products and Services of Materion Advanced Chemicals Inc and Thin Film Center Inc along with its own Optical Thin Film Consultancy and Training Services.

**B22**



**Photonic Solutions**

We will be exhibiting unique range of DPSS lasers from our new Principal Oxixus, SuperK Extreme white light continuum laser from NKT photonics, TCSPC equipment from Becker and Hickl, Femtosecond Fiber Lasers from Menlo Systems, High Power Ultrafast laser from Light Conversion along with information on our wide range of lasers and photonics products.

**E10**



**Photonics Technologies**

Photonics Technologies offers a wide range of spectroscopic essentials for your spectroscopy solutions in the areas of modulation & detection, beam control and beam analysis, as well as spectroscopic cells available with a wide selection of high purity atomic and molecular fillings and buffer gases.

**D20**



**PHOTONIS**

PHOTONIS is a global manufacturer of electro-optic components used in the detection of ions, electrons and photons. We innovate and engineer quality components for integration into a variety of applications such as night vision optics, digital cameras, mass spectrometry, physics research, space exploration and many others.

**A13**



**Photon Lines**

Photon Lines Ltd is a growing and respected supplier of photonics and optoelectronics products in UK and Ireland. The company enjoys many successful national and overseas associations with clients and suppliers. New suppliers include ArgoLight SA, Femtoeasy, STIL SA and Zolix Instruments as well as key products from General Photonics and Azur Light Systems.

**C03**

Exhibitor Listing



**PI UK**

**E15**

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 multi-axis positioning robots and low cost lever amplified piezo actuators.



**Princeton Instruments**

**E40**

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.



**Pro-lite Technology**

**E02**

Pro-Lite is a supplier of products and services used in photonics, photometry, light measurement and in remote sensing. We supply products used for generating, detecting and controlling light which include detectors, diode lasers, laser safety equipment, optical materials, dielectric filters, diffraction gratings, opto-mechanics, solar simulators and spectrometers. Our Photometric Testing laboratory supports R&D with services for measuring light, colour and the optical properties of materials.



**Pycko Scientific Ltd**

**C41**

We supply a range of Radiological Monitoring Equipment to The Nuclear Industry, C.B.R.N., The Oil & Gas Industry, Hospitals and Research Markets. Success in these areas has led to us becoming the UK distributor for major worldwide manufacturers and because we represent a range of companies we are bringing new products to your market area to solve your radiological monitoring challenges.



**Pyser Optics**

**A12**

Pyser-SGI is a specialist independent British manufacturer and supplier of precision optical and electro-optical equipment and associated components.



**Raptor Photonics**

**E17**

Raptor is a leader in the design and development of next generation digital camera solutions for surveillance, scientific and industrial markets. With access to some of the most sensitive sensors in the world we have developed a range of standard camera designs offering different features and benefits in terms of resolution, speed, sensitivity, cooling, wavelength optimisation, exposure and triggering all packaged into our small and ruggedly designed cameras.








**Santec Europe**

**B18**

Established in 1979, Santec is a global photonics engineering company and a leading manufacturer of Tuneable Lasers, Optical Test and Measurement Instruments, and Advanced Optical Components. Santec's tuneable lasers and test systems are known for high resolution, high accuracy, and high wavelength stability for high performance in photonics devices characterization.

Exhibitor Listing

|   |  |            |
|---|--|------------|
|    | <p><b>Scanwel Imaging</b><br/>WORKING WITH CARBON NANOTUBES, MEMS or CELLS? Introducing the miBot: the world's smallest commercial micromanipulator. Speak to us about AFM and Scanning Probe Microscopes. Surface Analysis and Electron Microscopes. High reliability, hermetic sealing technologies and bonding techniques for advanced materials. Heating jackets, heating tapes and cables.</p>  | <p>F10</p> |
|    | <p><b>Scitec Instruments</b><br/>Scitec Instruments will be exhibiting examples from the Oxixus range of UV, visible and IR DPSS and diode lasers. Other exhibits will include the company's high-stability variable frequency optical choppers and analogue lock-in amplifiers.</p>   | <p>B16</p> |
|    | <p><b>SLS Optics Ltd</b><br/>Suppliers of standard, custom and OEM laser optics from UV to near IR. Fabry-Perot solid and air-spaced etalons with matched flatness up to <math>\lambda/200</math>. Applications include: semiconductor processing, telecommunications, industrial, medical and scientific.</p>   | <p>C14</p> |
|    | <p><b>Spectrogon UK Ltd</b><br/>Spectrogon is an independent manufacturer of optical components. Our two main product lines are Thin Film Optical Coatings and Holographic Diffraction Gratings. Our Thin Film Coating products include a wide range of Optical Filters, including Bandpass, Broad Bandpass, Long Pass, Short Pass and Neutral Density Filters.</p>  | <p>A07</p> |
|  | <p><b>Stemmer Imaging</b><br/>Stemmer Imaging will have a multi-camera demonstration of very high-resolution cameras. Other camera technologies being demonstrated will include smart cameras, multi-camera compact vision systems and near infrared (NIR) cameras. Important imaging components such as lasers, LED lighting and high-resolution lenses will also be on show.</p>   | <p>C20</p> |
|  | <p><b>Thermal Vision Research</b><br/>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.</p>  | <p>D32</p> |
|  | <p><b>Thorlabs</b><br/>Thorlabs designs, develops, and manufactures building blocks for the Photonics industry, including optomechanics, motion control electronics, nanopositioning stages, fiber and optical components, laser diodes, tunable lasers, and vibration isolation systems. In addition, we can provide system-level solutions including complete OCT and imaging systems, like confocal and adaptive scanning optical microscopes.</p>        | <p>C15</p> |
|  | <p><b>Toptica Photonics</b><br/>TOPTICA is the world leader in diode laser &amp; ultrafast technology offering the widest range of single mode tunable light in the 190 to 2900 nm and 0.1 to 2.7 THz spectral region with various accessories to measure, characterize, stabilize and analyze light. We recently introduced ultra-stable diode lasers &amp; powerful femtosecond fiber lasers, as well as frequency combs, terahertz systems enabling a</p> | <p>D20</p> |





THE EVENT WHERE  
LIGHT TECHNOLOGIES  
**COME ALIVE!**



11th & 12th October 2017 . Ricoh Arena Coventry . UK

## Exhibitor Listing

variety of demanding applications in biophotonics & microscopy, materials, test & measurement, quantum optics & spectroscopy.



### **Vortex Optical Coatings Ltd**

Optical filters and coating - Experts in coating/filter design, offering exceptionally quick, competitively priced prototyping service and production volume capability for all spectral regions, including UV, Visible and Infra Red. 'Coating Only' service also available, a wealth of experience, call us to discuss your needs.

**C43**