

## IndustryNews

### Excelitas Technologies Corp. Launches New Website

The new website provides a comprehensive and informative resource highlighting Excelitas's diverse range of product and technology offerings, expert custom engineering and manufacturing capabilities, extensive markets and applications expertise, and more. The site has been completely redesigned to encompass the full breadth of the company's photonics solutions in electronics and power, lighting and illumination, optics and optomechanics, and sensing and detection technologies to serve leading OEMs across a multitude of markets and applications.

Excelitas Technologies® Corp  
www.excelitas.com

### Olympus Launches the First Global Image of the Year Award

Olympus has launched its first Global Image of the Year Life Science Light Microscopy Award, recognizing the best in life science imaging worldwide. Participants can win a CX43 microscope with a DP27 digital camera, X Line objectives, or an OM-D E-M5 Mark II camera. Those interested in participating can enter through Jan. 31, 2020 by uploading images at Olympus-LifeScience.com/IOTY. Winners will be selected by a jury panel and announced in March.

Olympus  
www.Olympus-LifeScience.com

### Navitar Achieves ISO 9001:2015 Certification

Navitar, Inc. announced its Rochester, New York facility has been awarded ISO 9001:2015 certification. The scope of registration includes the design, development, and manufacturing of optomechanical and optoelectronic assembly and sub-assembly. The internationally recognized ISO 9001:2015 standard is based on quality management principles such as strong customer focus, top management engagement, the process approach, and continual improvement. Navitar was audited by DAC Audit Services and presented their certificate on July 1, 2019.

Navitar, Inc.  
www.navitar.com

### EDAX Launches New OIM Matrix™ Software Package for EBSD

EDAX introduced the OIM Matrix™ software package, which brings dynamic diffraction-based electron backscatter diffraction pattern simulations and dictionary indexing capabilities to the EBSD market. The OIM Matrix™ package allows users to simulate EBSD patterns based on the physics of dynamical diffraction of electrons. This approach more accurately describes the behavior of the electron interactions within a sample and produces more realistic pattern simulations compared to traditional kinematic diffraction-based approaches.

EDAX, Inc.  
www.edax.com

### Agar Scientific Acquires London Resin Company

Agar Scientific purchased the EM resin manufacturer London Resin Company Ltd., who have developed and supplied acrylic resins for microscopists since 1980. This acquisition will ensure continued manufacture and supply of the complete product range. LR's high-quality microscopy resins combine low viscosity, low toxicity, and ease of use and are considered the industry standard for many applications. Production of the LR White, LR Gold, and Histocryl resins has now transferred to Agar Scientific's Stansted premises.

Agar Scientific  
www.agarscientific.com

### Allied Vision and Antmicro Announce Partnership

Allied Vision cameras, combined with Antmicro's software and hardware development services, is seeded by an open-source, customizable hardware offering such as Antmicro's open Jetson Nano baseboard and Google Coral baseboard. The cameras can be used by industrial customers to gain an unprecedented technology advantage in designing powerful products, especially those using edge AI. The partnership with Antmicro extends the offer for embedded vision systems and can support our customers and partners to realize their solution faster.

Allied Vision  
www.alliedvision.com

### Protochips's All-New Fusion Select

Fusion Select redefines *in situ* heating and electrical characterization. The system configuration can be selected and features can be easily upgraded as research needs grow. Fusion Select is a completely configurable product, including double-tilt, electrical, and electrothermal capabilities. Fusion Select's low profile tip design ensures unparalleled line-of-sight to the multidetector EDS arrays, even at zero degree tilt. Newly designed software features, including Data View, allow planning and visualizing experiments in a powerful and intuitive GUI.

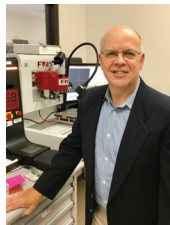
Protochips  
www.protochips.com

### First Mass Spectrometry Images Recorded Using MAIV Technique

The Matrix-Assisted Ionization in Vacuum technique was developed in 2012. They observed that as 3-nitrobenzointrile (3-NBN), a solid-state crystal matrix, sublimed under an intermediate vacuum and at ambient temperature, gas-phase analyte ions were observed. Mass spectra recorded under these conditions contained multiply charged ions and were very similar to those produced by electrospray ionization (ESI). One significant advantage of the MAIV technique is that it generates multiply charged ions from peptides and proteins.

JSI – Journal of Spectral Imaging  
doi.org/10.1255/jsi.2019.a12

## Innovations in Optics, Inc. Hires New Operations Director



Innovations in Optics, Inc. announced the addition of Dennis Donahue as Director of Manufacturing Operations. Dennis brings over 20 years of executive level operations experience in the development and manufacture of complex products for the medical, biotech, aerospace, optical, and industrial instrumentation markets. His track record of developing operations strategies in addition to optimizing and scaling manufacturing processes will play an instrumental role in our rapid growth and continued success.

Innovations in Optics, Inc.  
[www.innovationsinoptics.com](http://www.innovationsinoptics.com)

## WITec Paper Award 2019 Winners

WITec announced the winners of the annual Paper Award, which recognizes three outstanding peer-reviewed articles from the previous year that feature data acquired with a WITec microscope. Choosing from among the many excellent publications is never an easy task, and WITec thanks all the researchers who submitted their work. This year's winners are scientists who used Raman imaging in their studies of heartwood formation, the origin of Palaeoproterozoic granules, and threading dislocations in a semiconducting material.

WITec GmbH  
[www.witec.de/resources-and-education/news/post/2019/07/249](http://www.witec.de/resources-and-education/news/post/2019/07/249)

## Linkam Appoints The Scott Partnership as Provider of Marketing Communications Services

Linkam Scientific Instruments announced the appointment of The Scott Partnership as its new partner for PR and marketing activities. Managing Director, Louise Reid, will lead the team as they take over from Talking Science and founder Jez Leckenby. Louise Reid will bring new skill sets and contacts to Linkam's expanding business. With offices in the USA and China, TSP will assist Linkam in growing these two vital markets.

Linkam Scientific Instruments  
[www.linkam.co.uk](http://www.linkam.co.uk)

## Angstrom Scientific Inc. Will Distribute QDI/GETec AFSEM in North America

Quantum Design International (QDI) announces the appointment of Angstrom Scientific Inc. as the North American distributor for the Quantum Design/GETec AFSEM, an AFM designed to provide *in situ* studies in a variety of existing host systems such as scanning electron microscopes. It features an AFM module that uses self-sensing cantilevers to provide correlative analysis in SEM or Dualbeam (SEM/FIB) microscopes. QDI recently announced its acquisition of GETec, who specialize in AFM instrumentation.

Angstrom Scientific Inc.  
[www.angstrom.us](http://www.angstrom.us)

## Design-in Samples of the Basler Boost Camera and Basler CXP-12 Interface Card Are Now Available



The new CoaXPress 2.0 (CXP-12) evaluation kits are now ready for orders. The kit consists of a Basler boost camera, the corresponding Basler CXP-12 interface card, and the CXP-12 accessory starter kit for a faster and less expensive evaluation phase. For the activation, the pylon Camera Software Suite is an impressive SDK for the camera as well as for the interface card.

Basler AG  
[www.baslerweb.com](http://www.baslerweb.com)

## Hidden Analytical Europe GmbH

Hidden Analytical announced the opening of its new company Hidden Analytical Europe GmbH. The new company, located in Düsseldorf, Germany, is responsible for sales and service of Hidden Analytical products in Germany and Austria. The new Düsseldorf-based facility includes offices, demonstration equipment, stocks of service spares, and communication capabilities designed to provide the highest quality support for customers.

Hidden Analytical Europe GmbH  
[www.HiddenEurope.de](http://www.HiddenEurope.de)

## Linkam Launches New Modular Force Stage (MFS) for Characterizing Complex Materials

The MFS is a compact system with a temperature, gas, and optional humidity-controlled sample environment. It can be mounted on a microscope, which can be used to directly image changes in the microstructure of a material while it is undergoing tensile (*in situ*) testing. Correlating this optical information with the physical characteristics measured by the MFS stage provides invaluable information related to the overall performance of a material in a given environment.

Linkam Scientific Instruments Limited  
[www.linkam.co.uk](http://www.linkam.co.uk)

## Rave Scientific Affordable Portable Vacuum Storage Solutions

Storing your samples in the right environment can sometimes make the difference between achieving and not achieving optimal results. Vacuum containers specifically designed for SEM, TEM, and FIB samples can protect samples from air, moisture, and dust. Storing samples under an inert gas flow is also a desired solution, whereby a container can be purged and filled with dry inert gas such as nitrogen or argon to protect moisture and oxygen-sensitive samples.

Rave Scientific  
[www.ravescientific.com/sample-storage](http://www.ravescientific.com/sample-storage)