

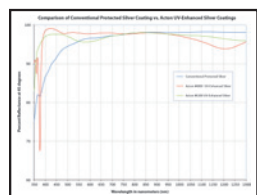
IndustryNews

First Annual KEY Award for New Faculty Goes to...

Dr. Robert Mitchell will receive NIGHTSEA's new, annual KEY Award for new faculty. Dr. Mitchell is beginning a tenure-track assistant professorship in the Biology Department at the University of Wisconsin Oshkosh. He will receive a NIGHTSEA SFA outfitted with two excitation/emission combinations plus \$750 in supplies from the EMS catalog. NIGHTSEA is the creator and manufacturer of the Stereo Microscope Fluorescence Adapter.

NIGHTSEA
www.nightsea.com/sfa-sharing/key-award-winner

UV-Enhanced Silver Mirror Coatings



Acton Optics & Coatings introduced two new broadband coatings that provide UV reflectivity while maintaining high reflectance up to the mid-IR wavelength range. Because standard silver coatings do not reflect well below 450 nm, aluminum coatings are often used in the UV. However, because aluminum coatings also have drawbacks in terms of reflectivity and absorption, Acton Optics & Coatings developed UV-enhanced silver coatings to bridge the gap.

Acton Optics & Coatings
www.actonoptics.com

Prior Scientific Announces New Senior Management Appointments

Prior Scientific announced changes to the executive leadership team: Tom Freda will take over as CEO of the Prior Scientific Group. Tom is currently president and CEO of Prior Scientific Inc. in Rockland, MA. At the same time, Stuart Jarvis will take on the role of chief technical officer with the additional responsibility for Production. Simon Smith will take on the role of chief financial officer with additional responsibilities for Quality, Material Planning, and Inventory.

Prior Scientific Instruments Ltd.
www.prior-scientific.co.uk

Dr. Robert Hartley Joins the CoolLED Team

Dr. Robert Hartley is joining the CoolLED team as field sales manager. In addition to territory account management, he will have particular responsibility for identifying and developing sales channels as CoolLED continues to grow its business worldwide. Robert brings considerable experience in advanced microscopy illumination. In his research career he made some significant discoveries relating to the control of movement and also neurodegenerative disease.

CoolLED Limited
www.coolled.com

Uniflow Laboratory Fume Hoods

UniFlow Fume Hoods are the most complete line of fume hoods in the industry. UniFlow hoods are available in special sizes from 30" to 96" wide in benchtop and floor mount models. Custom sizes can be easily addressed to suit special needs. UniFlow Hoods feature a unitized construction entirely of chemical-resistant, fire-resistant, self-extinguishing, non-metallic composite resin materials. The fume chamber is molded one-piece seamless with all corners coved for easy cleaning and light reflectivity.

HEMCO Corporation
www.HEMCOcorp.com

Hitachi High Technologies America Awards a Fellowship to Clemson University's Doctoral Candidate



Hitachi High Technologies America awarded its 2015 Electron Microscopy Annual Fellowship for Clemson University to Zhaoxi Chen, a doctoral candidate in materials science. The fellowship started in 2014 as one of Hitachi's ways to support higher education. Hitachi HTA pledged \$100,000 to fund the fellowship for five years. It is offered to Clemson University's College of Engineering and Science graduate students who use electron microscopy in their studies.

Hitachi High Technologies America, Inc.
www.hitachi-hightech.com/us

New Website Launch

Exprodo Software Calpendo launched a new website that features Calpendo, Calpendo Lite, and other services and products. The new site features easy-to-view information on all products, as well as an entire section dedicated to supporting customers, with tutorial videos available for both information and guidance. Information about Core Facility Management Systems is also available.

Exprodo Software Calpendo
www.exprodo.com

Edmund Optics Announces the Appointment of Marisa Edmund as Executive Vice President, Global Sales and Marketing

Edmund Optics® (EO), provider of optical components, announced the appointment of Marisa Edmund as executive vice president, Global Sales and Marketing, effective immediately. In her expanded role, Ms. Edmund is responsible for developing and executing sales strategies to sustain EO's continuing growth, while also managing all aspects of the company's worldwide marketing and communications program.

Edmund Optics®, Inc.
www.edmundoptics.com

Full-Featured SEM with Benchtop Price Installed at AXT



AXT announced that they have just installed a TESCAN VEGA3 SB scanning electron microscope in their demonstration lab. The VEGA3 SB offers superior performance and unmatched versatility

with the potential to expand its analytical capabilities with additional detectors, a capability that is not possible on more diminutive systems. The VEGA3 SB has been designed with simplicity in mind, combining state-of-the-art optics and electronics with powerful, user-friendly software.

AXT Pty. Ltd.
www.axt.com.au

ChromoFlex, a Liquid Light Guided Multiphoton Detection System, for up to Four GaAsP Photomultiplier Tubes

Scientifica introduced a new multiphoton detection system, ChromoFlex. It enables simultaneous imaging of up to four different color dyes with increased sensitivity of GaAsP photomultiplier tubes. The larger collection optics enables greater light-gathering from the objective back aperture. When coupled with the new liquid light guide, overall efficiency is increased by up to 10% compared to the original Scientifica multiphoton detection unit.

Scientifica Ltd.
www.scientifica.uk.com

Edmund Optics® Announces 2015 Education Award Recipients

Edmund Optics® announced the recipients of its 2015 Educational Award program. This award is given in recognition of outstanding undergraduate and graduate optics programs in science, technology, engineering, and mathematics at non-profit colleges and universities worldwide. Over \$85,000 in EO products will be awarded to the Gold, Silver, and Bronze winners in the Americas, Asia, and Europe. All remaining finalists will receive a \$500 product matching grant to assist with their research.

Edmund Optics®, Inc.
www.edmundoptics.com/award

HLD117 Linear Motor Stage Chosen by Core Imaging Facility



Prior Scientific has announced that the Core Imaging Facility at the UK's prestigious National Institute for Medical Research has chosen a Prior HLD117 linear motor stage to be the sample platform at the center of a new system based around an Olympus IX83 microscope.

NIMR is one of the world's leading medical research institutes. It is dedicated to studying important questions about biological processes that are relevant to all aspects of health.

Prior Scientific Instruments Ltd.
www.prior.com

University of Minnesota Selected as CHROMACAL Center of Excellence

The University of Minnesota College of Veterinary Medicine has been selected as a CHROMACAL Center of Excellence by Datacolor®. This designation recognizes the university's efforts to integrate CHROMACAL products and technology throughout its imaging, research, and biomedical facilities. Given the increasing reliance on color imaging, CHROMACAL offers a critical new tool by establishing color standards in microscopy imaging. The collaboration with Datacolor is an example of the university's commitment to adopting innovative technologies.

Datacolor
www.datacolor.com

BioSolveIT and Optibrium Sign Collaboration Agreement

Optibrium™ and BioSolveIT announced that they will collaborate to create seamlessly integrated data analysis, visualization, and simulation software for drug research. The two companies are known for their prediction tools for selection and optimization of potential therapeutics, where it is essential to recognize and resolve potential problems as early as possible. Computer software for "virtual design" of drug candidate molecules prior to synthesis and testing is ubiquitous in medicinal chemistry and an important time-saver in research.

Optibrium Ltd. and BioSolveIT GmbH
www.optibrium.com/stardrop and www.biosolveit.com

UCLA Combines Raman Microscopy with Scanning Electron Microscopy to Study Archaeological Textiles and Fibers

A paper "New Advancements in SERS Dye Detection Using Interfaced SEM and Raman Spectromicroscopy (μ RS)" was published in the *Journal of Raman Spectroscopy*. It describes how a SEM may be interfaced with μ RS to provide a means of non-destructively identifying organic compounds in complex samples, such as single fibers, by extraction-less analysis. This enables the characterization of dyes from reference collections and archaeological textiles.

Renishaw PLC
www.renishaw.com/SEMRaman

Confocal Raman Imaging Symposium

At first glance, cement, cancer cells, interstellar dust, two-dimensional materials, billion-year-old microfossils, emulsions, and the Kramers-Heisenberg-Dirac formula appear to have little if anything in common. Yet they were all among the topics discussed by some 50 biologists, physicists, pharmaceutical researchers, and chemists within the context of Raman imaging. WITec, the German manufacturer of Raman imaging systems, had invited scientists from all over the world to an interdisciplinary symposium in Ulm, Germany, at the end of September.

WITec GmbH
www.witec.de