

IndustryNews

New Application Note Describes Electrochemical Atomic Force Microscopy for Understanding Corrosion Mechanisms at the Nanoscale

Combining an atomic force microscope (AFM) with electrochemical capabilities creates a powerful tool for studying corrosion, oxidation, and mass transfer of metals at the nanoscale. The new application note “Exploring Corrosion with Electrochemical AFM” from Oxford Instruments Asylum Research discusses how AFM can be used to study the nanoscale evolution of bias-dependent reactions in real time at the charge interface.

Oxford Instruments Asylum Research, Inc.
www.oxford-instruments.com/AFM-corrosion-app-note

Livecyte Now Available Throughout USA and Canada



Scientists in North America can now benefit from the high-contrast, label-free, live cell imaging provided by Livecyte™, following the appointment of Bulldog Bio as the Phasefocus™ distributor for USA and Canada. This announcement

signals the start of an exciting time for Phasefocus, as the company seeks to make headway on its initial achievements and strengthen its reach in the American market, to exploit the growing interest in the company's flagship imaging and analysis system.

Phasefocus Ltd
www.phasefocus.com

Thermo Scientific Krios G3i Cryo-Electron Microscope Announced as 2018 Edison Awards Gold Award Winner

Thermo Fisher Scientific, a world leader in serving science, today announced that the Thermo Scientific Krios G3i cryo-electron microscope (cryo-EM) has been named as the Gold Award winner in the molecular analysis category for the 2018 Edison Awards. The Edison Awards recognize and honor the world's best innovators and innovations. The Edison Awards, named after Thomas Alva Edison, was presented in New York City in April 2018.

Thermo Fisher Scientific Inc.
www.visitthermofisher.com

Basler Reports Business Figures, Confirming Record Annual Result, and Expects a Stable Development In 2018

In fiscal year 2017, the group's sales recorded an extraordinarily strong growth of 54% to € 150.2 million (previous year: € 97.5 million). Thus, Basler grew more than two times stronger than the German industry for image processing components, which grew by 24%. This is statistically recorded by the VDMA (Verband Deutscher Maschinen- und Anlagenbau, German Engineering Federation) and represents a key indicator for global market development.

Basler AG
www.baslerweb.com

Biolin Scientific Announces Nanoscience Instruments as Distribution Partner to Expand its Business in North America

Biolin Scientific announced that it has appointed Nanoscience Instruments as its distribution partner in North America. The agreement involves the distribution of QSense, Attension, and KSV NIMA instruments. Nanoscience Instruments will also become the primary provider of service and application support in the U.S. and Canada. Nanoscience Instruments sells and supports a wide variety of analytical solutions to academia and industry.

Biolin Scientific AB
www.biolinscientific.com

High-Precision Linear/Rotary Positioning Systems for Industrial Automation/Motion Control Catalog

PI released a new comprehensive catalog of linear and rotary positioning systems engineered and manufactured for industrial precision automation. The products covered address industries such as semiconductor production/inspection, laser material processing, automated optical inspection, and precision opto-mechanical alignment and assembly. Some of the technologies featured in this catalog are PI's in-house designed and manufactured PIMag linear motor stages, PIGlide air bearing technologies, and high-performance EtherCat®-based industrial precision motion controllers.

PI (Physik Instrumente)
www.pi-usa.us

Appointment of Marketing Head of Microscopy & Life Sciences at PI

PI has named Dr. Thomas Bocher as Marketing Segment Head, Microscopy & Life Sciences. Bocher's experience in the microscopy industry strengthens PI's commitment to develop novel precision motion and nanopositioning solutions. Before PI, Bocher held product and segment manager positions with Carl Zeiss Microscopy GmbH and Bruker BioSpin GmbH. Bocher also served as chairman of the ISO TC172 SC5 committee for standardization in the field of light microscopy and endoscopy.

PI (Physik Instrumente)
www.pi-usa.us

TESCAN ORSAY HOLDING Acquires XRE, Inc

TESCAN announced the acquisition of XRE, Inc, a Belgian-based designer and manufacturer of dynamic 3D and 4D X-ray imaging systems. In doing so, TESCAN has greatly expanded its position to address imaging and characterization challenges that span multiple length scales across several research and technology disciplines. Known for innovation in the field of X-ray micro-computed tomography, XRE, Inc delivers non-destructive imaging solutions for geoscience, materials, and life science fields in both academia and industrial R&D environments.

TESCAN ORSAY HOLDING and XRE, Inc
www.tescan.com

High-Performance Cell Diagnostics with Jenoptik's Miniaturized Imaging Platform



Jenoptik's new solution SYIONS, a miniaturized modular diagnostic imaging platform, allows users to quickly and efficiently generate all types of image data from *in vitro* diagnostics devices.

SYIONS enables the quick and cost-effective implementation of applications in the areas of live cell imaging, flow cytometry, and molecular diagnostics. The modular system solution combines proven Jenoptik modules with Jenoptik's own modular software. Work processes can be performed consistently and efficiently across various operating systems.

JENOPTIK | Healthcare & Industry
www.jenoptik.com

State-of-the-Art Facility Features the First Imaging System of its Kind in Saudi Arabia



The King Abdullah University of Science and Technology (KAUST) and Leica Microsystems inaugurated a new Center of Excellence (CoE) for Optical Microscopy on the University's campus. With the new center, KAUST and Leica

Microsystems embark on a long-term partnership in cutting-edge life science research with the objective of encouraging new scientific discoveries.

Leica Microsystems GmbH
www.leica-microsystems.com

Easily Pseudo Colorize SEM and TEM Images

Now you can easily colorize your SEM and TEM images with LucisPro, a Photoshop plug-in for Windows or standalone app for MacOS X. You get an infinite variation of colors for snappy-looking publications, and you can adjust the sliders for more dramatic or even artistic versions. The Windows plug-in has been completely rewritten for 64-bit Win 7, 8.1, and 10. The Mac standalone is also 64-bit and works up to High Sierra.

Microtechnics
www.lucispro.com

JENOPTIK Announces New International Representation on the Executive Management Board

With more internationalization as a focus in the 2022 vision, Jenoptik brings more global diversity to the EMB with the appointment of three new members effective immediately: Albert Miranda, President Jenoptik North America, based in Jupiter, FL; Kevin Chevis, Head of the Traffic Solutions division and Director of the division's subsidiary in Frimley and UK; and Jonathan Qu as President Jenoptik Asia, headquartered in Shanghai, China

JENOPTIK North America, Inc.
www.jenoptik.us

Grand Opening of UC Irvine Materials Research Institute Spotlights JEOL Center for Nanoscale Solutions



Renowned materials scientists attending the 1st International Symposium on Advanced Microscopy and Spectroscopy will join Dr. Xiaoqing Pan for the grand opening of the JEOL Center for Nanoscale Solutions and a three-day symposium June 6–8, 2018. IMRI is home to several high-performance TEMs. It is the first U.S. installation of the JEOL GRAND ARM transmission electron microscope developed for advanced atomic-resolution characterization.

JEOL USA
www.jeolusa.com

Bruker Acquires nanoIR Company Anasys Instruments

Infrared Spectroscopy Technology adds to Bruker's NanoScale measurement portfolio. Bruker announced that it has acquired Anasys Instruments Corp., a privately held company that develops and manufactures nanoscale infrared spectroscopy and thermal measurement instruments. This acquisition adds to Bruker's portfolio of Raman and FTIR spectrometers, as well as to its nanoscale surface science instruments, such as atomic force microscopy and white-light interferometric 3D microscopy.

Bruker Corporation and About Anasys Instruments Corp.
www.bruker.com

Meiji Techno Celebrates More Than 50 Years of Providing Quality Microscopes to Schools, Laboratories, and Industrial Manufacturing Facilities

For over 50 years Meiji Techno has been providing quality microscopes to schools, labs, and industrial manufacturing facilities. The company backs their products with a limited lifetime warranty and top-notch customer service. Support through education is most important to all at Meiji Techno. Meiji Techno products are designed to deliver many years of trouble-free use even in harsh industrial environments.

Meiji Techno America
www.meijitechno.com

Ashik Patel Appointed Sales Director Americas of Allied Vision

Allied Vision Technologies Inc. has appointed Ashik Patel as its new Sales Director Americas based in the company's U.S. Sales Office in Exton, PA. As the head of the North and South American sales team, Patel will manage the sales activities in the Americas. Ashik Patel has a successful track record in engineering and sales in various industries such as automation and metrology, including management positions.

Allied Vision Technologies GmbH
www.alliedvision.com