

IndustryNews

Andor Technology Acquires Photonic Instruments

Andor Technology has strengthened its microscopy offering with the acquisition of Photonic Instruments, a developer of laser- and lamp-based illumination and ablation systems. Photonic Instruments Micropoint® and patented Mosaic® products are market leaders in fluorescence imaging and laser ablation for confocal and wide field microscopy. The products are ideal for researchers wanting to perform fast or complex FRAP, or uncaging experiments on a widefield, TIRF, or confocal microscope in real time.

Andor Technology
www.andor.com

NanoSight Holds First European Users Meeting on Nanoparticle Characterization in Langen, Germany

NanoSight together with distributor partner Schaefer Technologie, have recently held a meeting of users of their successful range of nanoparticle tracking analysis instruments in Langen, Germany. More than thirty NanoSight users came to a sunny Langen near Frankfurt to share their experiences in developing test methods for nanoparticle measurement and characterization. The meeting provided an excellent opportunity to present new data using nanoparticle tracking analysis.

NanoSight Limited
www.nanosight.com

TESCAN, a.s. Acquires Tescan USA Inc.



TESCAN, a.s. announced the acquisition of Tescan USA Inc. As part of TESCAN's global family of subsidiaries, Tescan USA will have the increased resources needed to expand and improve its team and capabilities in the USA, ensuring the highest level of support and commitment to existing and future customers. TESCAN, a.s. is one of the world's fastest growing suppliers of scanning electron microscopes and FIB-SEMs for industry, materials science, life science, education, forensic science, and other applications.

TESCAN, a.s.
www.tescan.com

Active Feedback Provides Sub-nanometer Resolution

Two back-illuminated Andor EMCCD cameras have been instrumental in helping Steven Chu, a Nobel laureate and Energy Secretary for the United States of America, redraw the boundaries of light microscopy. One of the cameras was an Andor DU860, which is capable of acquiring images at 500 frames per second; the other was a highly sensitive DU897 model that can capture individual photons from single fluorescence emitters.

Andor Technology
www.andor.com

Jim Pouquette Joins Carl Zeiss

Carl Zeiss announced that Emile James (Jim) Pouquette, a former FEI executive, has joined Carl Zeiss SMT North America as senior vice president sales. Pouquette has thirty years' experience in the high-technology arena. He is especially experienced in sales and international sales management. Most recently, Pouquette served as FEI Company's vice president of sales & service, Asia and president of FEI Japan. Prior to his employment at FEI, he served as a senior director of sales at KLA-Tencor.

Carl Zeiss SMT AG
www.smt.zeiss.com

Carl Zeiss Announces North American New Academic Investigator Program

Carl Zeiss MicroImaging announces its North American Academic Investigator Program for new Principal Investigators setting up their first laboratory. With this program, Carl Zeiss provides training and personal consultation to new investigators as they encounter challenges during their start-up phase. Carl Zeiss will provide honest and expert guidance for their microscopy and imaging needs. Carl Zeiss offers several options to stretch start-up funds in building labs, including 18 months of purchase time under the program.

Carl Zeiss MicroImaging, Inc.
www.zeiss.com/micro

Georgia Tech Nanotechnology Research Center Selects Olympus As Microscopy/Imaging Partner



Georgia Institute of Technology (Georgia Tech) has named Olympus America Inc. as a key partner for its Nanotechnology Research Center (NRC). Olympus will provide researchers with advanced microscopes, camera equipment, and software to meet a variety of optical imaging needs. The suite of Olympus instruments installed at Georgia Tech includes the flagship LEXT OLS4000® laser scanning confocal 3D measuring microscope.

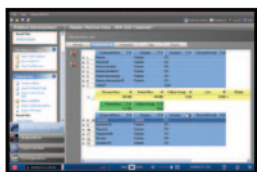
Olympus America Inc.
www.olympusamerica.com and grover.mirc.gatech.edu

RTS Life Science Announces New US Headquarters

RTS Life Science announces its new US Headquarters and the formation of RTS Life Science LLC. Following the acquisition earlier this year of Hatch Science, a Massachusetts-based life science company, both products and services have now been successfully integrated into the group. RTS is now able to provide localized sales, engineering, and support services to its US client base of sample management, biobanking, and pharmaceutical testing customers.

RTS Life Sciences
www.rtslifescience.com

Thermo Fisher Scientific Demonstrates Accelerated Method Development for Food Safety and Environmental Testing Using MS Software



Thermo Fisher Scientific Inc. announced the availability of a new video, which shows the productivity benefits of its Thermo Scientific TraceFinder analytical software for food safety and environmental testing laboratories. The video shows how TraceFinder™ software allows LC-MS/MS users to reduce method development time from hours or days to minutes and enables rapid and easy data review and reporting.

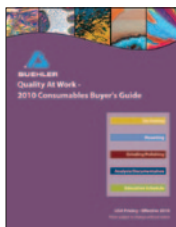
Thermo Fisher Scientific Inc.
www.thermoscientific.com/tracefindervideo.

New ASTM Standard Covers Use of Electron Backscatter Diffraction to Measure Grain Size

ASTM grain size is a property written into many specifications for metals. Electron backscatter diffraction can provide precise determinations as well as give information on grain size distribution and statistics. A new ASTM International standard, ASTM E2627, Practice for Determining Average Grain Size Using Electron Backscatter Diffraction (EBSD) in Fully Recrystallized Polycrystalline Materials, was developed by Subcommittee E04.11 on X-Ray and Electron Metallography, part of Committee E04 on Metallography.

ASTM International
www.astm.org

Buehler 2010 Consumables Buyer's Guide Now Available For Materials Analysis and Preparation Products



Buehler introduces its 62-page, full-color 2010 Consumables Buyer's Guide. It includes consumables for sectioning, mounting, grinding/polishing, and analysis/documentation. Every section includes corresponding tips, tricks, techniques, and troubleshooting information to help users repeatedly achieve perfect results. It also includes the 2010 education schedule for classes on microstructural analysis and failure analysis of electronic components. Download a free PDF (3.6 MB).

Buehler
www.buehler.com

Olympus America Licenses Digital Pathology Patents to BioImagene, Inc.

Olympus America Inc. has signed a nonexclusive worldwide licensing agreement with BioImagene, Inc. of Sunnyvale, California, allowing BioImagene to access an extensive portfolio of Olympus patents in the field of digital pathology and virtual microscopy. This is the most recent of several licenses that Olympus has granted for the technologies, which are considered critical for developing future digital imaging and data handling systems for pathology.

Olympus America Inc.
www.olympusamerica.com

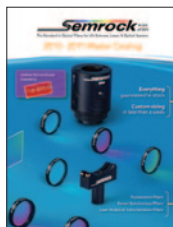
New JEOL Correlative Microscope Makes U.S. Debut at M&M and Northwestern University after Winning R&D 100 and Microscopy Today Innovation Awards



JEOL USA demonstrated the first correlative microscope to enable concurrent light microscopy and atmospheric scanning electron microscopy (ASEM) for observation of and experimentation on samples in their native state. The JEOL ClairScope made its debut at M&M in Portland, Oregon, just prior to installation at Northwestern University's Biological Imaging Facility where it will be used for demonstrations and applications development.

JEOL USA, Inc
www.jeolusa.com

New 2010–11 Semrock Master Catalog



Semrock announced the release of its new 92-page, full-color 2010–11 Master Catalog of optical filters and related products. This comprehensive catalog contains additional technical and product notes along with over 65 new filter products optimized for fluorescence, Raman spectroscopy, and other laser analytical instrumentation applications. Among the standouts of this edition is the new BrightLine® GFP and FITC High Brightness & High Contrast filter sets.

Semrock, a Unit of IDEX Corporation
www.semrock.com

Asylum Research Installs Dual AFMs at University of Melbourne, Australia



Asylum Research announced that it has delivered a dual system order for a Cypher™ AFM and an MFP-3D-BIO™ AFM to the University of Melbourne's Department of Chemical and Biomolecular Engineering. Dr. Raymond Dagastine's group will use the Asylum AFMs to develop nano-scale experiments and theories to measure and predict interactions, collisions, and coalescence between droplets and bubbles that underpin innovative applications of foams and emulsions and other soft matter materials.

Asylum Research Corp.
www.AsylumResearch.com

WITec Takes Over Majority of Optical Measurement Solutions Provider omt gmbh

WITec GmbH announces the acquisition of the majority of the optical measurement solution provider omt optische messtechnik gmbh. The unique product portfolio and expertise of omt ideally supplements WITec's product range and offers new perspectives for joint marketing activities. omt provides optical metrology tools and is particularly strong in industrial process control of parameters such as film thickness, color, sheet resistance, moisture, and chemical composition.

WITec GmbH
www.witec.de