

IndustryNews

FEI and University of Liverpool Announce QEMSCAN Research Initiative.

The parties announced today that they have entered into an agreement to enable Liverpool to undertake novel research in the field of petroleum reservoir geoscience using FEI's QEMSCAN® technology that is used to quantify the amount, type and, distribution of mineral grains that are present in oil and gas reservoirs. Liverpool's Sedimentary Geology Research Group will use the high-resolution QEMSCAN modal and spatial mineralogy data, as well as the elemental analysis capabilities.

FEI Company
www.fei.com/products/sem/qemscan

Bruker Introduces RampScript for BioScope Resolve BioAFM.

Bruker's Nano Surfaces Division today announced the release of RampScript™, which provides extensive new scripting capabilities for the BioScope Resolve® BioAFM. With its combination of Bruker's exclusive PeakForce Tapping® and FASTForce Volume™ technologies, BioScope Resolve already provides the widest range of ramp rates for biomechanics. Adding the most flexible ramp scripting interface available opens the door to new studies probing the dynamics of individual biomolecular bonds and the viscoelasticity of live cells.

Bruker Nano Surfaces Division
www.bruker.com

Allied Vision Expands R&D Site in Ahrensburg, Germany.

Allied Vision expands its Ahrensburg office in Northern Germany within its current office building. This expansion was a result of the rising number of employees, especially in R&D and Product Management. The Ahrensburg office location is Allied Vision's second largest office site in Germany, with over 80 employees. The corporate headquarters in Stadroda is still the largest. The Ahrensburg office continues to grow as Allied Vision welcomed its 300th overall employee earlier this year.

Allied Vision Technologies GmbH
www.alliedvision.com

NIGHTSEA Shifts Fluorescence Stereomicroscopy Paradigm, Hitting Installation Of 1000th System.

NIGHTSEA proudly announces the 1000th installation of its Model SFA Stereomicroscope Fluorescence Adapter. Within a few short years, the SFA has propelled fluorescence stereomicroscopy from its isolated pinnacle in high-end research biology to a dramatically expanding audience of more routine users in research, classrooms, museums, community outreach, and industry. NIGHTSEA expects the growth curve to steepen as the paradigm shift really takes hold.

NIGHTSEA
www.nightsea.com/products/stereomicroscope-fluorescence-adapter

OLYMPUS CIX90 Cleanliness Inspection System, a Turnkey Solution.

OLYMPUS announced the CIX90 technical cleanliness control system. The new system is purpose-built for reliable, efficient cleanliness inspection with an intuitive interface that provides step-by-step guidance to users, helping ensure that manufacturers can maintain high-quality standards without disrupting their workflow. The OLYMPUS CIX90 system is a dedicated turnkey solution for technical cleanliness, optimized for fast, accurate, and reproducible particle detection that delivers classification and reporting in accordance with international cleanliness standards.

Olympus Corporation
www.olympus-ims.com/en/microscope/cix90

New Hidden Product Catalog: Catalysis and Thermal Analysis.



Hidden Analytical released a new catalog detailing their latest mass spectrometers and micro-reactors for analysis of gaseous thermal processes. The series includes systems for application to process pressures from 5 bar through to ultra-high vacuum (UHV). The catalog is available to download at <http://tinyurl.com/cta-catalogue-166-3>, or you can request your free print copy via our website: <http://tinyurl.com/request-print-copy>.

Hidden Analytical
www.HiddenAnalytical.com

Physik Instrumente Promotes Dave Rego to Head PI's US Eastern Region Sales Teams.

PI (Physik Instrumente) L.P. has promoted Dave Rego to director of sales for the US Eastern Region. Rego, who holds a BS in Mechanical Engineering, a BA in German from the University of Rhode Island, and an MBA from Babson College, has been handling PI's key industrial accounts on the East Coast for several years and brings a substantial and knowledgeable background in precision motion technology, leadership, and project management skills.

PI (Physik Instrumente) L.P.
www.pi-usa.us/products/index.php

FEI Enhances DualBeam Productivity, Precision, and Ease-of-Use with New Slice & View Software.

FEI announced the release of the latest version of its Auto Slice & View three-dimensional reconstruction software, which makes 3D imaging faster, easier, more accurate, and cost-effective. The software works with all of FEI's current DualBeam focused ion beam /scanning electron microscope platforms to enable 3D structure and composition of samples at the nanometer scale. DualBeam users across all disciplines can benefit from the new, enhanced software.

FEI Company
www.fei.com/software/auto-slice-and-view

New Managing Director at CoolLED Ltd.



CoolLED Ltd has a new managing director. Jim Beacher has been promoted from sales & marketing director to managing director. The company is enjoying strong growth as solid-state illumination replaces the mercury-based lamps used previously. Commenting on the company's acquisition and his new position, Jim Beacher said, "CoolLED has a great future. We are excited by the opportunities open to our technologies, and I look forward to leading the team to greater success."

CoolLED Ltd.
OEM Illumination.com

Bruker Introduces Scanning Microwave Impedance Microscopy for Dimension Icon AFM.

Bruker announced the release of scanning microwave impedance microscopy (sMIM) capability for its Dimension Icon® atomic force microscope platform. The innovative sMIM technique works by reflecting a microwave signal from a nano-probe and sample interface to reveal the electrodynamic properties of the sample surface and sub-surface. Bruker's sMIM mode enables characterization of challenging measurements on fragile samples, such as nanotubes, nanowires, and biological samples, and is ideal for electrical characterization of 2D materials.

Bruker's Nano Surfaces Division
www.bruker.com

UF Partners with TESCAN to Create World-Class Hardware Security Lab.

The University of Florida and TESCAN, a leading manufacturer in electron microscopy, have partnered to create a world-class hardware security lab customized with advanced scientific instrumentation. The lab will be part of the new Florida Institute for Cybersecurity Research, which operates on the UF campus under the leadership of co-directors Patrick Traynor and Mark Tehranipoor, who is the Intel Charles E. Young Leadership Chair in Cybersecurity.

TESCAN USA
www.tescan.com

Exposed End Needles Probes (EENP).

NaugaNeedles has a unique technology to selectively grow individual metallic Silver/Gallium nanoneedles at the end of standard atomic force microscope probes. The Ag₂Ga nanoneedles have superior electrical, mechanical, and chemical stability that are suitable for variety of AFM applications. Taking advantage of this technology, NaugaNeedles is proud to be the first company to commercialize conductive AFM probes that can perform in liquid environments (e.g., AFM-SECM, CFM under liquid). This unique product is called Exposed End NeedleProbe (EENP-P).

NaugaNeedles LLC
www.nauganeedles.com

Dr. Barbara Armbruster Joins XEI Scientific as Marketing Director.



XEI Scientific announced the addition of Dr. Barbara Armbruster as marketing director. Dr. Armbruster has an extensive knowledge of biological and materials electron microscopy and held product management positions at Hitachi High Technologies America and JEOL USA. She received a PhD in Botany

from Duke University. She will promote the third generation of Evactron® de-contaminators that have dual-mode UV and plasma cleaning to provide a fast and economical way to pristine.

XEI Scientific Inc.
www.evactron.com

FEI and Australian Microscopy & Microanalysis Research Facility Launch MyScope Outreach.

FEI and the Australian Microscopy & Microanalysis Research Facility have joined forces to launch MyScope™ Outreach. MyScope Outreach is a free, online tool designed to make microscopy education and outreach accessible to a global user community, regardless of age, educational background, or socio-economic history. It specifically targets school-age children and their associated science education programs. The AMMRF is a network of Australian microscopy laboratories that provide instruments, expertise, and training to researchers.

FEI Company
www.myscopeoutreach.org

Anasys Instruments Appoints Ludger Weisser to Head New European Sales and Customer Support Office.

Anasys Instruments announced the opening of a new office, Anasys Instruments GmbH, in the Mannheim, Germany, area to support and accelerate the company's European sales growth trajectory. The office will be headed by Ludger Weisser who was previously Head of Oxford/Asylum Research's European Sales. The new office will be pivotal in providing a higher level of customer service in Europe as Anasys Instruments grows.

Anasys Instruments
www.anasysinstruments.com

Semrock Announces Distribution Partnership with AVR Optics.

Semrock has entered into an agreement with AVR Optics for the distribution of its optical filters and optical mirrors within the United States and Canada. AVR Optics was founded by a team with deep experience in the life science and analytical instrumentation markets and offers a tremendous extension to the Semrock sales support team. AVR will primarily focus on educational institutions and government research labs in the eastern half of the United States and Canada.

Semrock, a unit of IDEX Health & Science, LLC and AVR Optics
www.semrock.com and www.avroptics.com