February 23, 2015

PerkinElmer to Display Nanomaterials Technologies at European Winter Conference on Plasma Spectrochemistry

WHAT:

PerkinElmer, Inc., a global leader focused on improving the health and safety of people and the environment, today announced that it will showcase its nanomaterials detection and characterization solutions at the European Winter Conference on Plasma Spectrochemistry (EWCPS 2015).

The conference will bring together more than 600 international scientists from 40 countries experienced in instrumentation, applications, and theory to examine and discuss recent progress in the industry.

"Engineered nanomaterials are increasingly being used within pharmaceuticals, industrial and consumer products," said Suneet Chadha, Senior Director, Inorganic Product Portfolio, PerkinElmer. "We offer a complete solution for analyzing single particle nanomaterials across a wide breadth of sample matrices."

WHEN:

February 22-26, 2015

WHERE:

Natural Science Campus, University of Münster, Germany (Booth #A5)

FEATURED PRODUCTS:

PerkinElmer will highlight its advanced nanomaterials software and technologies at EWCPS 2015, including:

Syngistix™ Nano Application Module: an extension of PerkinElmer's Syngistix for ICP-MS software and NexION® 350 ICP-MS. The newest version of the module offers more than 20 enhancements, including the use of reaction cell chemistry for improved performance of key elements such as Fe and Si. Coupled with the NexION 350 ICP-MS, the Syngistix Nano Application Module is a single particle ICP-MS dedicated analysis software, combining real-time single particle acquisition with fast data processing for routine analytical use, delivering speed, flexibility, automation and ease-of-use.

Syngistix™ for ICP-MS Enhanced Security™ Software: a supplement to PerkinElmer's Syngistix for ICP-MS Software and NexION 350 ICP Mass Spectrometers. The software delivers additional capabilities to help labs to comply with government regulations such as the U.S. FDA's 21 CFR Part 11. It also provides a user-friendly experience and additional security features, including a Master Event Log and File Change Log to assist with adhering to quality protocols.

Titan MPS™ Microwave Sample Preparation System: a safe, simple, cost-effective microwave sample preparation system for pressure digestion of a broad range of samples. Its intuitive design offers a color touch-screen controller, top-loading system to access the 8 or 16 reusable vessels, PFA-coated stainless steel body and a wide range of pre-loaded digestion methods that make it easy to use, helping to increase lab productivity.

HybridXLT™ torch for Optima® 8x00 ICP-OES: a sample introduction component for PerkinElmer's spectrometers, which analyze environmental, food, drug development, product safety and geochemical samples, The HybridXLT utilizes a ceramic/quartz hybrid design, which extends its lifetime by up to 10 times over that of standard quartz torches used in ICP-OES. It also allows for effective plasma viewing compared to full-ceramic designs, which are more expensive and difficult to use.

INconX™ Mobile Status App for Optima® ICP-OES Instruments: available as a free download from the Apple® App Store for installation on iOS 7-enabled Apple devices, this app enables lab professionals to remotely monitor any Optima ICP-OES operation or ongoing analysis. It features Easy-to-follow help screens to guide users through the process of identifying all Optima ICP-OES systems by IP address.

INFORMATICS CAPABILITIES:

PerkinElmer also offers integrated informatics software to help lab professionals easily and efficiently capture, transfer and visualize data obtained from atomic spectroscopy instruments:

LimsLink™ Inorganic: reduces the time and complexity associated with transferring data from PerkinElmer's AA, ICP, and ICP-MS instruments to other manufacturers' Laboratory Information Management Systems (LIMS).

TIBCO Spotfire® Inorganic: creates enhanced data visualizations from a single PerkinElmer AA, ICP or ICP-MS instrument or series of instruments quickly and efficiently. The software now has enhanced compatibility with the Syngistix™ Nano Application Module.

PRESENTATIONS: PerkinElmer will feature several poster presentations at the event, along with three talks:

February 23 at 5:00pm: Latest Advancements in Single Particle Analysis Using a Fast Scanning Quadrupole ICP-MS; by Hamid Badiei, Principal Scientist

February 25 at 11:00am: Single Particle ICP-MS (SP-ICP-MS) for the Detection of Metal-Based Nanoparticles in Environmental Matrices; by Chady Stephan, Manager, Global Applications, Nano

February 25 at noon: The Benefits of Low pressure Ion Exchange Chromatography Coupled with an ICP-MS Having a Reaction Cell to Achieve the New Toys Safety Regulation for Cr Species; by Aurelien Viscardi, Product Specialist

MORE: PerkinElmer, Inc. is a global leader focused on improving the health and safety of people and the environment. The Company reported revenue of approximately $2.2 billion in 2014, has about 7,700 employees serving customers in more than 150 countries, and is a component of the S&P 500 Index. Additional information is available through 1-877-PKI-NYSE, or at www.perkinelmer.com.

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