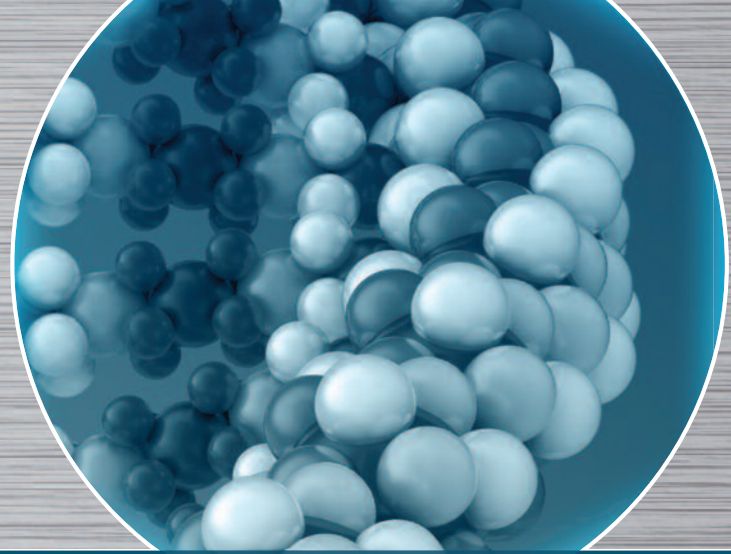


**PITTCON**<sup>TM</sup>  
CONFERENCE & EXPO  
2013 PHILADELPHIA  
MARCH 17-21



**SPECIAL  
PREVIEW BY  
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INTERNATIONAL  
LABMATE**



## SHOW PREVIEW

by Gwyneth Astles

### EXPERIENCE INNOVATION AT PITTCON 2013

For the first time Philadelphia will play host to the 64th Pittcon, which will be held the Pennsylvania Convention Center on March 17 - 21, 2013.



Pittcon is the world's largest annual premier conference and exposition on laboratory science and attracts more than 17,000 attendees from industry, academia and government from 90 countries worldwide. Pittcon provides a showcase for scientific innovations on laboratory equipment, technology and supplies, unique networking opportunities and educational programmes. Experience innovation from over 930 exhibitors, a diverse Technical Program of over 2000 presentations as well as networking sessions that provide the chance to exchange innovative ideas with scientists from around the world.

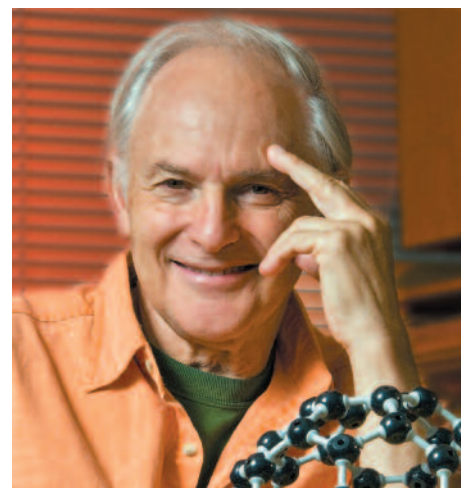
Nobel Laureate Sir Harold (Harry) Kroto (pictured right) will deliver the Pittcon 2013 Wallace H. Coulter Plenary Lecture, 'Exameter Objects to Nanometer Ones and Back Again'. The Plenary Lecture will be part of the Opening Session for the Technical Program at Pittcon 2013.

Sir Harry Kroto is currently a Francis Eppes professor of Chemistry at Florida State University, where he is carrying out research in nanoscience and cluster chemistry as well

as developing exciting new Internet approaches to STEM educational outreach. In 1996, he was knighted for his contributions to chemistry and later that year, was one of three recipients of the Nobel Prize for Chemistry in 1996. He is a Fellow of the Royal Society of London and holds an emeritus professorship at the University of Sussex in Brighton, United Kingdom.

Kroto will present recent results from his work at Florida State University which has uncovered fascinating new information on how fullerene molecules are created in the laboratory. He will also discuss the way that original studies of carbon chain molecules in the laboratory initiated radioastronomy discoveries in massive interstellar clouds and stars which in turn led to the laboratory experiment that uncovered the totally unsuspected existence the C<sub>60</sub> cage molecule.

The highlights of the 2013 James L. Waters Annual Symposium, 'Chemical Imaging Spectroscopy', which will focus on the commercialisation of chemical imaging. Chemical imaging has enabled advancements in the fields of pharmaceutical analysis, polymer characterisation and identification of defects in semiconductor materials.



This informative symposium will take place during Pittcon on Monday, March 18, at the Pennsylvania Convention Center. The speakers chosen for the symposium are pioneers in this field and are uniquely qualified to discuss the development of chemical imaging and its commercialisation. The session will also focus on the current state of the technique and what the future holds for chemical imaging.

R. Michael Barnett will deliver the Pittcon 2013 Wallace H. Coulter Keynote Lecture, 'How The Higgs Boson Saved Us From A Cold, Dark, Lifeless Universe'. The Keynote Lecture will be presented on Wednesday, 20 March at 5:00 pm at the Pennsylvania Convention Center. R. Michael Barnett is a senior physicist at Lawrence Berkeley National Laboratory and is a Fellow of the American Physical Society. He is head of the 190-member international Particle Data Group and has written many research papers on the physics that may be found at the Large Hadron Collider at CERN. Barnett will

address the collider and the experiments, the nature of the Higgs boson and commented, "While an extremely unusual particle has clearly been discovered, how do we know it is the Higgs boson we predicted?"

Conferee Networking sessions are free to all registered attendees and provide an informal venue for a small group of 15 to 25 participants to openly discuss topics of mutual interest or solve problems specific to certain instrumentation or procedures.

This year, there are 42 facilitated sessions during Conference week. These unique networking opportunities begin on Sunday and run through Wednesday afternoon. All sessions will be held in the Philadelphia Marriott Downtown which is connected to the convention center. Topics include discussions in areas such as bioanalytics, environmental science, fuels/energy/petrochemicals, genomics, nanotechnology, pharmaceutical and many more.

In keeping with the trend of increased social media use at Pittcon, conferees with mobile devices have access to the official Pittcon 2013 Mobile App which is available for free download in the App Store and Android Market or directly from [pittcon.org](http://pittcon.org). The app serves as an all-in-one event guide containing all the information and details about the exposition, program, and short courses, as well as a valuable networking tool to use before, during, and after the event. Features include the ability to create a custom agenda; receive reminders and updates; search, filter, and find; take notes and send by email; and exchange contact information.

Over the following pages we take a look at a selection of the exhibitors and products that will be on display this year. For further information on the show and a full list of exhibitors go to [www.pittcon.org](http://www.pittcon.org).



## 1ST DETECT CORPORATION

The MMS-1000™ from 1st Detect is an affordable ion-trap mass spectrometer designed for field-portable and benchtop applications such as industrial process control, security and defense, critical infrastructure monitoring, food and beverage manufacturing, and laboratory analysis.



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Booth 2354

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Booth 2611

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This is Adam's 14th year as a Pittcon participant. Adam's exhibit features a variety of analytical balances, top-loading balances, moisture analysers and industrial scales, plus an anti-vibration table and other accessories. For details on the company and its products, visit the website.

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Booth 3815

“Our team is enthusiastic about the prospect of the 2013 show in Philadelphia”

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Booth 3214

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DataApex's products are sold to over 80 countries around the world and ten chromatography instrument manufacturers resell privately labelled versions (OEM) of DataApex software.

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Aurora's product line includes: automated liquid handling systems, atomic absorption spectrometer, atomic fluorescence spectrometer and microwave digestion systems. Other products offered by Aurora are OEM robotics for integrated laboratory automation products such as autosamplers, syringe pumps and peristaltic pumps.

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The InnovOx Laboratory offers a powerful oxidation capability through a patented Supercritical Water Oxidation (SCWO) technology. SCWO enables the InnovOx easily measure a broad range of tough samples – including brine, humic acid and cellulose. SCWO also removes oxidation byproducts and sample between analytical runs, eliminating frequent maintenance and parts replacement. The Sievers 900 Laboratory and 900 Portable feature a proprietary membrane technology that eliminates interferences for reliable, accurate results. Learn more by visiting GE Analytical Instruments at Pittcon.

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## Company profile:

Cole-Parmer has been a leading global source of laboratory and industrial fluid handling products, instrumentation, equipment, and supplies since 1955. Our product lines, including popular brand names such as Masterflex®, Oakton®, and more, are sold through company-owned customer channel outlets and a strong network of international dealers. We also feature an ISO-17025-accredited metrology lab for instrument calibration and repair. Cole-Parmer responds with excellence to customer needs, and offers application expertise and technical support. For more information, contact Cole-Parmer, 625 East Bunker Court, Vernon Hills, IL 60061. In the US, call 800-323-4340. International customers, call 847-549-7600. Visit us at [www.coleparmer.com](http://www.coleparmer.com)

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analytical instrumentation. Since 1978 Hanna has produced practical, cost effective devices for Lab, Environmental, Food and Industry applications. The Company offer a wide array of instrumentation, from research grade bench tops, titrators, and ISE's, to single and multiparamter portable instruments testing pH, conductivity, DO, turbidity and more. Hanna has over 40 offices worldwide to insure exceptional levels of service and support anywhere in the world. To learn more, visit Hanna Instruments online.

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Booth 955

*No other event can compare to Pittcon in terms of the scale of innovation one sees on the exposition floor and in terms of the opportunity to interact with customers and educate new generations of scientists in the art and science of analytical chemistry*

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For over 39 years, International Labmate has been providing manufacturers of scientific equipment



with ideal platforms to market their products. Various markets are covered by each publication title: International Labmate, Labmate UK & Ireland, Lab Asia, Chromatography Today, International Environmental Technology, Asian Environmental Technology, Petro Industry News, Measurement Analysis China and Pollution Solutions.

The Company also provides a variety of other successful platforms for

reaching the scientific community including the exhibitions WWEM (Water, Wastewater and Environmental Monitoring), Mercury 2013, CEM (Continuous Emissions Monitoring) and the AQE (Air Quality and Emissions) show and online platforms such as E-Bulletins, banner advertising and Electronic Direct Marketing.

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## KINESIS

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Kinesis is a leading international supplier of chromatography and liquid handling consumables and equipment worldwide. The products and techniques supported by their technical experts include: sample preparation; LC & GC; vials & closures; lamps & instrument spares; liquid handling; sample storage; instruments & software.

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Booth 215

## KIRGEN INC

Kirgen is a leading brand with ISO 13485/CE certified management system and 100K grade clean manufacture environment, which specialises in quality disposable lab consumables such as pipette tips, micro/centrifuge tubes and real time PCR tubes. All products are DNase/RNase free and non-pyrogenic.

The Company are one of those several brands that supply top featured consumables currently around the world, including extra-long pipette tips.

Furthermore, Kirgen has very successful project working experience with many top brands and global distributors, which allows them to serve their customers with in time logistics and professional warehousing.

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Booth 3012

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Booth 109

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Booth 2456

*Pittcon remains the premier instrumentation show in the USA with many of the key decision makers attending*

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LabSmith, Inc, a developer of tools for science, announces the release of several products to be debuted at Pittcon 2013. LabSmith products control all aspects of experimentation, including timing, synchronisation, high voltage and current sourcing, fluid routing and event capture. The new products expand their LabPackage, the first modular solution for building and controlling micro- and nano-fluidic experiments. The new tools for the LabPackage include pressure and temperature sensors in the uProcess automated hydrodynamic microfluidics product suite, 8nA current resolution eight-channel HVS448 programmable high voltage power supply, and a USB high resolution camera for the SVM340 Synchronized Video Microscope.



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Booth 3603

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MORE INFO. 191

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Booth 2307

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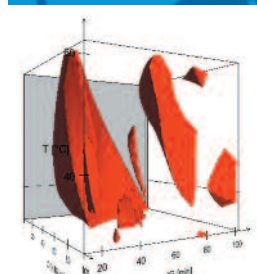
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Booth 515

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Booth 2225

All the latest information on the exhibition  
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Booth 131

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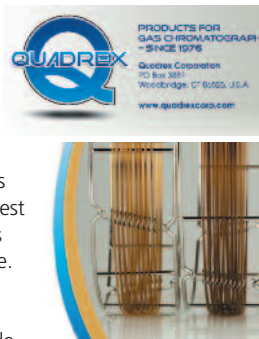
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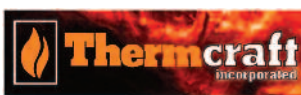
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Booth 318

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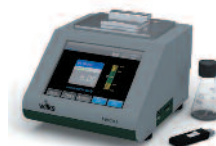
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The equipment Sterlitech manufacture and market can be used in reverse osmosis, nanofiltration, ultrafiltration or microfiltration and are used in a variety of industries, including petrochemical, fossil fuels, biotech, and occupational health and safety. Across the globe, scientists from a diverse array of disciplines rely on Sterlitech's technology.

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Booth 153

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Booth 3805

*Pittcon 2012 was a great success - the booth traffic was great and we made several key contacts with various customers and distributors from around the world.*

**International Labmate look forward to welcoming you to booth 2825 at Pittcon 2013.**