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PITTCON ORLANDO, FLORIDA
MARCH 11-15
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CONFERENCE & EXPO **2012**

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Exposition dates: March 12 – 15

THE WORLD'S LARGEST ANNUAL CONFERENCE AND EXPOSITION FOR LABORATORY SCIENCE.

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The background of the entire page is a close-up photograph of two hands reaching towards each other. The hands are positioned as if they are about to clasp or are in the process of shaking. The lighting is bright and soft, highlighting the texture of the skin and the lines on the palms. The overall tone is positive and collaborative.

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**Get connected to
innovations, science, and colleagues.**

Pittcon, the world's largest annual conference and exposition for laboratory science, offers a unique opportunity to get a hands-on look at the newest instrumentation and technology while connecting with members of the scientific community. Having grown beyond its roots in analytical chemistry and spectroscopy, Pittcon now serves a diverse constituency of all laboratory scientists—anyone who identifies, quantifies, analyzes or tests the chemical or biological properties of compounds or molecules—encompassing life sciences, pharmaceutical discovery and QA, food safety, environmental and bioterrorism markets. Pittcon creates the perfect environment to learn, discuss and discover.



GFT Connected

EXPOSITION

Connect with Exhibitors

Connect with nearly 1,000 leading exhibitors from 30 countries offering the latest innovations in laboratory products and services. Get a hands-on look at equipment, including live demonstrations, see the latest in instrumentation and solutions to improve laboratory efficiency, and connect with technical personnel for answers to your most pressing questions in these—and other—categories:

- HPLC, ICP, GC, MS, FTIR
- Laboratory Apparatus, Chemicals, and Supplies
- Analytical Instrumentation
- Informatics and Analytical Software
- Green Chemistry Solutions
- OEM Parts and Dealers
- International Representatives
- Scientific Publishers
- Professional Societies
- Contract Laboratory Services

Quickly and easily find the professionals, equipment and services you need most by visiting the following specialized sections on the exposition floor:

- Life Science area
- New Exhibitor area
- LIMS area

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TECHNICAL PROGRAM

Get Connected to Scientific Discovery

With more than 2,000 technical sessions, Pittcon makes it easy for you to get connected to the latest research and developments in your field and gain a global perspective from leading scientists from around the world.

Pittcon's comprehensive and diverse Technical Program includes, but is not limited to, sessions such as:

Symposia

- Biomedical Nanotechnology
- Hyphenated Techniques for Peptidomics: Bridging the Gap Between Proteomics and Metabolomics by Mass Spectrometry
- LC/MS Quantification of Protein Therapeutics in Drug Discovery and Development
- Mass Spectrometry Advances Conversion of Biomass to Biofuels
- New Alternatives in High-Resolution Mass Spectrometry
- New Developments in Forensic Chemistry for Use at the Crime Scene and in the Laboratory

Organized Contributed

- Analytical Techniques for Nanotoxicology
- Elemental Speciation in the Real World: Clinical, Industrial and Environmental Applications
- High Throughput Analysis for Food Safety
- Non-invasive Biomedical Analysis
- Recent Advances in Capillary Scale Ion Chromatography

Workshops

- Addressing Challenges in Dietary Supplement Analysis
- Analytical and Spectroscopic Advances and Their Impact on Biofuel Analysis
- GC-on-a-Chip: The Next Generation
- Implementation of Analytical Curriculum Reform: Solving Problems and Making Gains
- Industry, Academic, and Government Responses to Emerging Food Contaminants
- Unleashing AnIML 1.0: Adoption Strategies for the New ASTM Data Standards



For more detailed information on our extensive Technical Program,

Visit www.pittcon.org

The 2012 comprehensive Technical Program includes, but is not limited to, areas of analytical chemistry, applied spectroscopy, life sciences, bioanalysis, food sciences, and related disciplines such as:

Instrumental Analysis

- Chromatography
- Molecular and atomic spectroscopy
- Portable/Hand-held Instruments
- Electrochemistry
- Mass spectrometry
- Lab-on-a-Chip technology

Novel Application of Measurement Science

- Nanotechnology
- Biomedicine
- Neurochemistry
- Genomics, Proteomics
- Metabolomics, Metabonomics
- Forensics
- Informatics
- Pharmaceutical
- Environmental
- Polymer
- Food Science

Ambient Ionization and Mini Mass Spectrometers: In situ MS for Everyone

Sunday, March 11, 2012 – 4:30 p.m.
Chapin Theater
Orange County Convention Center

R. Graham Cooks, Henry B. Hass Distinguished Professor—Analytical Chemistry, Department of Chemistry, Purdue University, received Ph.D. degrees from the University of Natal and Cambridge University. He is involved in the construction of mass spectrometers and their use in fundamental studies and applications. He is also interested in the fundamentals of ion chemistry, including chiral analysis and spontaneous chiral resolution in clusters and the possible role of the amino acid serine in the biochemical origins of life.



R. Graham Cooks
Guest Plenary Speaker

His work in minimizing sample work-up and avoiding chromatography contributed to the development of the ambient ionization methods, including desorption electrospray ionization (DESI). Applications of this method in tissue imaging, forensics and pharmaceuticals are in progress. These same interests also led to the construction of miniature ion trap mass spectrometers and their application to problems of trace chemical detection.

Plenary Lecture

NETWORKING

Connect with Colleagues from Around the World

Conferee Networking Sessions, free to all registered attendees, offer an open forum to connect and network with colleagues from all over the world. Participants will have the opportunity to interact, discuss, share experiences, and solve problems during these informal 2-hour facilitated sessions.

General discussion topics include:

- LC-MS, ICP-MS, SFC, IC
- High Throughput Pharmaceutical Purification
- Process Analytical Technology
- Forensics
- Food Quality/Safety
- Microfluidics
- Lab-on-a-Chip
- Food Safety
- Thermal Analysis
- Lab Data Management
- Environmental Impact



SHORT COURSES

Connect to Educational Opportunities

Pittcon's Short Courses offer an excellent—and affordable—way to enhance your professional development. With seemingly unlimited topic choices in half-day, full-day, or 2-day sessions, ranging from beginner to advanced, the opportunities for your personal career growth are endless.

Here is a sampling of our Short Course topics:

Beginner:

- Professional Analytical Chemists in Industry
- Managerial Effectiveness: Setting Clear Expectations
- LC/MS Strategies for the Identification of Impurities, Degradants and Metabolites
- Lab-on-a-Chip Devices

Intermediate:

- Statistically Sound Calibration Studies—with computer workshop
- Raman and IR Spectroscopy: Basic Theory, Instrumentation and Applications
- HPLC Method Development for LC/MS

Advanced:

- LC-MS-MS Analysis of Endocrine Disruptors, Pharmaceuticals, and Nanomaterials

For more detailed information about our Short Courses or Free Networking Sessions:

Visit
www.pittcon.org

CONNECTIONS...

High Level Connections, Small Level Investment

All the connections you need, all in one place—and for a relatively small investment. Register before February 13, 2012, and pay only \$115—a 50% savings! This small investment gives you unlimited weeklong access to the exposition floor and all components of the Technical Program.

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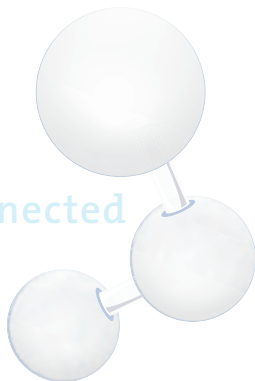
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and save 50% off the registration fee!



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