

The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



July 2010

UPCOMING MEETINGS

EAS Eastern Analytical Symposium & Exposition

November 15-18, 2010 Somerset, NJ USA

Eastern Analytical Symposium and Exposition (EAS) is the world's leading community for analytical chemists seeking the highest quality education and career development. Our wide variety of technical programs, globally recognized speakers, and large exhibition offer attendees highly applicable job training and an exceptional professional networking experience. At EAS, attendees improve their skills, validate research, interact with peers, experts, and vendors, achieve higher job performance and productivity, and enhance career opportunities.

EAS exhibitors access a highly targeted professional group in an environment renowned for its professional networking. This enables higher quality lead generation and stronger customer relationships.

EAS is the symposium of choice for analytical chemists, managers, and academicians desiring extraordinary professional development and relationships with noted authorities in the field.

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The 4th Asia-Pacific Winter Conference on Plasma Spectrochemistry (2010 APWC) Chengdu, China November 26-30, 2010

Welcome to the 4th Asia-Pacific Winter Conference on Plasma Spectrochemistry (2010 APWC), which will be held at Wangjiang Hotel, Chengdu, China from November 26 to 30, 2010. The 2010 APWC organizers cordially invite you to participate in this great event on plasma spectrochemistry in China.

The purpose of the conference is to bring together analytical spectral chemists worldwide to stimulate contacts and to exchange research ideas and experiences. The 2010 APWC conference will consist of plenary lectures, invited keynote lectures, invited talks and oral presentations, a poster session, and an analytical instrument exhibition. Abstracts of all presented papers will be included in the proceedings book of 2010 APWC. It is expected that around 200 participants from 20 countries and regions will be present. We hope that this conference will meet all the participants' scientific and social expectations, as well as provide a satisfying Chinese cultural experience.

2010 APWC conference strives to create a forum for in-depth and informed discussions, with vital coverage of fundamental developments, new and improved instrumentation, spectroscopic diagnostics, and applications of spectroscopy across all disciplines, focusing on the following topics:

- Plasma-based optical spectrometry
- Plasma-based mass spectrometry
- Analytical spectral instrumentation
- Miniaturized/portable spectral instruments
- Spectroscopy in elemental speciation
- Spectroscopic sensing of bio-related species
- Environmental analysis
- Food and pharmaceutical analysis
- Nanomaterial-based spectroscopy
- Sample preparation in spectral analysis

An instrument exhibition program will be organized during the meeting. Companies interested in participating in this exhibition are encouraged to direct their inquiries to organizer ([houxd@scu.edu.cn](mailto:houx@scu.edu.cn)).

Organization Committee:

Honorary Chairman	Benli Huang (Xiamen University, China)
Chairman	Xiandeng (Dan) Hou (Sichuan University)
Co-Chairman	Qiuquan Wang (Xiamen University)
Secretariat	Yi Lv (Sichuan University)
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Website: <http://atc.scu.edu.cn/2010apwc/index.htm>

European Winter Conference on Plasma Spectrochemistry

January 30 – February 4, 2011 Zaragoza, Spain

The European Winter Conference on Plasma Spectrochemistry will be held at the Congress and Convention Center of the Zaragoza World Trade Center (WTCZ) from January 30 to February 4, 2011. The purpose of the Conference is to provide a forum for in-depth and informal discussion of the most relevant advances in plasma fundamentals, laser-assisted methodologies, isotopic analysis, imaging and speciation techniques, metallomics and nanotechnology, among other topics.

Contact:

Secretary:

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2010 SERMACS and SWRM Regional Meetings

November 30 to December 4, 2010

New Orleans, Louisiana, USA

The 2010 SERMACS and SWRM regional meetings will be jointly held in New Orleans at the Hilton Riverside Hotel from November 30 to December 4, 2010.

Our program is shaping up and looks great. All the major divisions will be represented in our symposia, which will be available at our website, www.swrm.org. We just added another symposia on the effects of the BP oil spill in the Gulf of Mexico.

Our website should be updated with all the current information in the next couple of weeks. Please keep checking back.

I will send one more email blast this month to officially open registration and abstracts and give you any more vital information on our meeting.

Registration and Abstract submission will officially open on 6/14/2010 (we will send you a reminder of this later this month).

The room rate will be \$189.00 per night, which is a fantastic rate for downtown New Orleans in such a great location (Audubon's Aquarium of Americas and Insectarium, Children's Museum, Harrah's Casino, National WWII museum, French Quarter and the greatest collection of restaurants you will see are all within a few blocks of the hotel).

However, we have secured an early bird special that goes to the first 100 reservations (or July 1, 2010, whichever comes first). The rate has been dropped to \$169.00 per night. This is for the length of your trip. So, especially if you are planning on joining us for 3 or 4 or more nights, this could be very important for you.

The information on the **EARLY BIRD RATE** is below (make sure to mention name or code when reserving to get the rate):

http://www.hilton.com/en/hi/groups/personalized/MSYNHHH-ACH-20101126/index.jhtml?WT.mc_id=POG

Group Name: **American Chemical Southwest Southeast Regional**

Group Code: **ACH**

Phone Number: **504-556-3762**

Thank you so much for your time and we all look forward to sharing our great city with you in December.

Sean Hickey

University of New Orleans

Department of Chemistry

Instructor/Lab Manager

Past Chair, Louisiana Section of the ACS

General Chair, 2010 Joint SE/SW Regional Meeting

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AACD 2010 **7th AEGEAN ANALYTICAL
CHEMISTRY DAYS**
29 SEPT - 03 OCT 2010, LESVOS GREECE

Dear Colleague,

It is our great pleasure to send you the 2nd announcement of the 7th International Conference

“Aegean Analytical Chemistry Days” (AACD 2010)
29 September - 03 October 2010, Lesvos, Greece

Since 1998, the AACD conferences have provided an excellent framework for the presentation of new trends and developments in analytical chemistry, as well as new applications of environmental, food and industrial analysis, with a special emphasis to quality aspects. At the same time, the AACD conferences have promoted the presentation of young scientists' research and the exchange of ideas, encouraging thus collaborations and joint research projects. The **7th Aegean Analytical Chemistry Days (AACD2010)** will be organized in the Gulf of Gera, Lesvos, a place of outstanding natural beauty.

The scientific program will be focused on:

- Atomic and Molecular Spectrometry - Sample Preparation
- Mass Spectrometry – Chemometrics
- Bioanalytical and Clinical Analysis - Quality control / Quality assurance and Chemical Metrology
- Chromatography and Separation Techniques - Environmental Analysis
- Electroanalytical Methods and Biosensors - Food Analysis
- Speciation Analysis - Pharmaceutical Analysis

On the opening ceremony, a tribute to Professors Emeriti **Freddy Adams** and **Alan Townshend** will be organized and they will offer us two excellent **Opening Honorary Lectures**.

Moreover, **thirteen internationally recognized invited speakers** will give lectures on the corresponding fields. Please, visit the web pages of the conference for a detailed list of the invited speakers and the titles of their lectures.

Emphasis will also be given to thematic **poster presentations and young scientists' contributions**. **Poster awards are foreseen**.

ANALYTICAL LETTERS, the internationally recognized journal for the rapid publication of original research papers, will produce a special issue for the AACD 2010 conference. More information about the submission procedure can be found here:

http://www.chem.uoa.gr/AACD2010/AACD17_official_journal.htm

An exciting **social programme** is also scheduled and a number of events are organized: visit to an Olive Press Museum, dinner at a famous fish tavern by the seaside, visit to the capital of Lesvos, Mytilene and its famous museums and the Gala Dinner. Please visit the web pages of the conference for detailed information about the social events during the conference.

Please, visit regularly the website of the conference at:

http://www.chem.uoa.gr/AACD2010/AACD17_official_journal.htm

and proceed with submission of abstracts, registration and hotel reservation and do not miss the opportunity for active participation at this exceptional event.

We would like to remind you that the early registration (**16th July 2010**) and submission deadlines (**15th June 2010 for oral presentations**) of the **AACD 2010** are approaching!

IMPORTANT DATES AND DEADLINES:

Registration:

July 16, 2010 : Reduced registration fee deadline

August 27, 2010 : Last date of payment for inclusion of abstract in the conference Proceedings

Call for Papers:

June 15, 2010 : Abstract submission deadline (oral presentation)

July 31, 2010 : Abstract submission deadline (poster presentation)

July 31, 2010 : Announcement of accepted Abstracts

September 5, 2010 : Last minute posters deadline (May not appear in final programme and book of abstracts)

We are looking forward to welcoming you in Lesvos!

The Chairpersons

A. C. Calokerinos

N. S. Thomaidis

Professor

Assistant Professor

Laboratory of Analytical Chemistry, Department of Chemistry

National & Kapodistrian University of Athens

**INTERNATIONAL CONFERENCE ON RECENT FRONTIERS IN
APPLIED SPECTROSCOPY (ICORFAS-2010) September 22-24, 2010
Department of Physics, Faculty of Science, Annamalai University, India**

Website: <http://www.annamalaiuniversity.ac.in/conf-phy-icorf2010.htm>

Dear Sir/Madam:

Based upon your great contributions to the study and research, you are expected to take part in **International Conference on Recent Frontiers in Applied Spectroscopy (ICORFAS-2010)**, which will be held from September 22nd to September 24th, 2010 in Annamalai University, India. On behalf of the Organizing Committee, it's our honor to welcome you to give a speech at the conference. This three-day event will feature recent findings from leading industrial, clinical and academic experts in the field, in the form of lectures and posters.

Plenary, Invited, Oral and Poster sessions focusing on the full spectrum of latest research will be helpful for all delegates from academia and industry to deeply understand the current situation in applied spectroscopy field. In this conference, over 300 distinguished speakers are anticipated to get together to present and share their cutting-edge developments and up-to-date research in medical research, Nano technologies, materials science and other applications of spectroscopy. Also, the conference will definitely offer an ideal platform of promotion and collaboration for relevant companies and institutes with their technologies, products and services.

ICORFAS-2010 consists of five scientific tracks, panel discussions, free communications and poster presentations that will cover all the important applications of spectroscopy and will give you the opportunity to be updated in all the sectors in spectroscopy.

Scientific Program at a Glance

- Track 1: Spectroscopic techniques applied to Pharmaceutical and Biomedical diagnosis
- Track 2: Vibrational spectroscopy as a clinical tool for cancer diagnostics
- Track 3: Recent trends in natural radioactivity and development of luminescence materials
- Track 4: Emerging trends in Nanomaterials and Nanobiotechnology
- Track 5: Theoretical and computational techniques in Spectroscopy

Call for Abstracts for Oral and Poster Presentations:

Submissions are invited from prospective authors from Universities, Research Institutions and Industries in the form of Research Papers or applied case studies in any of the following topics:

1. Vibrational analysis and molecular structure
2. UV, NMR and Fluorescence studies
3. Biomedical and Pharmaceutical applications
4. Application to Materials science and technology
5. Applications to Mineralogy, Archaeology and Environmental Science
6. Application to Biology and biological molecules
7. Nano Science and Nano Technology
8. IR & Raman imaging; confocal/near-field/tip-enhanced Raman micro-spectroscopy, bio-imaging
9. Toxicological studies, Fish and GLP
10. Theoretical and computational developments in Vibrational Spectroscopy

Abstracts for consideration (maximum one-page length) and Poster Presentations written in English can be submitted to us by e-mail at convenor.icorfas2010@gmail.com. All submitted abstracts received will be reviewed on the basis of scientific merit, novelty and practical application. Due to the limited slots available, only the best abstracts will be selected for oral presentations. **Speakers at the conference may have their papers published in a special proceedings volume that will be published by a leading publisher.** The abstract submission form is available from the conference website <http://www.annamalaiuniversity.ac.in/conf-phy-icorfas2010.htm>. The deadline for abstract submission is **July 30, 2010**. Late abstracts will not be included in the proceedings.

Call for Exhibitors:

Exhibit Hall

Enjoy facilitated networking opportunities with over 300 delegates by participating as an exhibitor. Spread awareness of your latest products or services, as well as your unique corporate image.

Sponsorship Information:

Showcase your company's expertise, brand your solutions and develop revenue opportunities with qualified decision-makers by becoming an active Corporate Sponsor. For details please contact: convenor.icorfas2010@gmail.com

We hope you are interested in this conference and are looking forward to meeting you in Annamalaiagar.

For more information, PS: <http://www.annamalaiuniversity.ac.in/conf-phy-icorfas2010.htm>.

Sincerely yours,

Dr. PL. RM. Palaniappan, Convenor, ICORFAS-2010

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Web: <http://www.annamalaiuniversity.ac.in/conf-phy-icorfas2010.htm>

July Historical Events in Spectroscopy by Leopold May, Catholic University

July 2, 1923

The Naval Research Laboratory was founded as the Naval Experimental and Research Laboratory on this day.

July 5, 1854



George Eastman, a manufacturer of photographic material, was born on this date. He invented Kodak and transparent film. In 1888, he invented the Brownie camera, in 1891 daylight loading film, and in 1928 color film.

July 11, 1927



Theodore Harold Maiman invented the first operable laser listed as Ruby Laser Systems Laser, Patent Number 3,353,115. He was born on this date.

July 31, 1825



August Beer discovered that absorption of light is related to amount and length of absorbing material (Beer's Law). He was born on this date.

Comments to butcherATemail.wcu.edu