

# ***2010 Winter Conference on Plasma Spectrochemistry***

## ***Fort Myers, Florida, January 4 – 9, 2010***

### ***Call for Papers***

The 16th biennial international Winter Conference will be held at the Sanibel Harbour Resort & Spa ([www.sanibel-resort.com](http://www.sanibel-resort.com)) in Fort Myers, Florida ([www.fortmyers-sanibel.com](http://www.fortmyers-sanibel.com)). More than 600 scientists are expected, and over 300 papers on modern plasma spectrochemistry will be presented. Six plenary lectures and 24 invited speakers will highlight critical topics in 12 symposia. Oral paper and poster titles and short abstracts are requested by July 10, 2009.

#### **Symposium Features**

- Applications of plasma spectrochemical techniques and methods
- Elemental speciation, species sample preparation, and biological imaging
- Excitation mechanisms and plasma phenomena
- Glow discharge atomic and mass spectrometry
- Inductively coupled plasma atomic and mass spectrometry
- Laser ablation and induced breakdown spectrometry
- Microwave plasma atomic and mass spectrometry
- Plasma chromatographic detectors and combined systems
- Plasma instrumentation, microplasmas, automation, and software innovations
- Sample introduction, transport phenomena, and modelling
- Sample preparation, treatment, and automation; high-purity materials
- Spectrochemical chemometrics, expert systems, and novel software
- Spectroscopic standards, reference materials, databases, and quality control
- Stable isotope analyses and applications

#### **Also**

- Continuing Education Short Courses, Saturday - Monday, January 2 - 4
- Manufacturer's Seminars, Saturday - Sunday, January 2 - 3
- Annual Golf Tournament, Sunday, January 3
- Spectroscopy Instrumentation Exhibition, Tuesday - Thursday, January 5 - 7
- Six Daily Heritage Lectures
- Workshop on New Plasma Instrumentation, Tuesday - Thursday, January 5 - 7

#### **Information**

For program, registration, hotel, and transportation details, visit the Conference website at <http://icpinformation.org>, or contact Ramon Barnes, ICP Information Newsletter, Inc., P.O. Box 666, Hadley, MA 01003-0666, telephone: 239-674-9430, fax 239-674-9431, e-mail [wc2010@chem.umass.edu](mailto:wc2010@chem.umass.edu).

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### CONFERENCE PRESENTATION TITLE AND ABSTRACT SUBMISSION FORM

*Submission Deadline: July 10, 2009*

I (we) plan to submit a paper as a  lecture (15 minutes),  poster,  computer poster,  either.  
**TITLE**

**AUTHOR NAME(S)** [give full names of all authors, underline presenting author]:

**COMPLETE POSTAL AND E-MAIL ADDRESS(ES)** [give full address of all authors]:

**Please type a 50-word descriptive abstract, sign below, and return this form by July 10, 2009, to 2010 Winter Conference, Attention: R. Barnes, ICP Information Newsletter, P.O. Box 666, Hadley, MA 01035-0666, or 18241 Beauty Berry Ct, Lehigh Acres, FL 33972-7525; fax (239) 674-9431, e-mail wc2010@chem.umass.edu**

**CLASSIFICATION.** Which of the following best describes your paper?

A. *Symposium:*

Sample introduction/transport phenomenon,  Micronebulizers, flow processing,  Elemental speciation,  Chromatography and plasma detectors,  Automation and plasma instrumentation,  Artificial intelligence, Chemometrics, Software,  On-line and remote analysis,  Sample preparation and treatment,  Spectroscopic standards and reference materials,  Excitation mechanisms and plasma phenomena,  Laser-assisted plasma spectrochemistry,  Glow discharge,  Teaching spectroscopy,  Plasma source mass spectrometry,  Stable isotope analysis,  Quality assurance.

B. *Application:*

Agriculture/Botany,  Biology,  Chemicals,  Energy,  Environment,  Food,  Geology,  High-purity materials,  Industrial products,  Medicine/Clinical/Forensic,  Metals,  Petroleum,  Semi/superconductor,  Stable isotopes,  Water,  Other \_\_\_\_\_;  *Workshop on New Plasma Instrumentation*

**PUBLICATION.** Which of the following best describes your intentions for publication of the proposed paper?

submission to Conference proceeding journal:

*Analytical and Bioanalytical Chemistry* or  *Journal of Analytical Atomic Spectrometry*.

submission to *ICP Information Newsletter*.  submission to another journal.  no plan to submit manuscript.

**CERTIFICATION.**

I (we) certify that the material to be presented represents original research or development, which at the time of the Conference will previously not have been published or presented in public.

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**COMPLETE MAILING ADDRESS** (if not included above):

**TELEPHONE/FAX/EMAIL:**

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Received: \_\_\_\_\_ Manuscript No. \_\_\_\_\_ Paper \_\_\_\_\_ Registration 2010-\_\_\_\_\_-\_\_\_\_\_  
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