
ASMS News

THE 11TH ASILOMAR CONFERENCE ON MASS SPECTROMETRY

The 11th Asilomar Conference on Mass Spectrometry will be held September 24–28, 1995, at the Asilomar Conference Center in Pacific Grove, CA. The topic will be "The Challenges of High Mass Ions: New Approaches to Structure, Energetics and Reactivity," organized by Scott A. McLuckey and Peter J. Derrick. Fundamental understanding of activation methods, ion/molecule reactions and collision processes continues to advance. The ion chemistry of multiply charged ions is being developed. New experiments such as ion/surface collisions provide information on ion structures. Improvements in techniques for ionization and mass analysis continue to occur. All these developments offer opportunities to further improve mass spectrometry in chemical and biochemical analysis. These are the subjects to be treated at the 1995 Asilomar Conference.

The purpose of the Asilomar Conference on Mass Spectrometry is to provide a forum for an international group of scientists for in-depth and informal discussion of the most recent developments in a subfield of mass spectrometry, with the intent of stimulating creativity, critical thinking, and exchange of ideas. The 11th ACMS will be concerned with methods of structure determination, especially for biomolecules. All oral and poster presentations will be by invited contributors only. The conference is formatted to encourage uninhibited discussions and extensive audience participation. The campus-style setting of Asilomar, located on the scenic Monterey Peninsula as a unit of the California State Park System, offers an ideal environment for informal meetings and recreational activities. For further information please contact ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87505. Telephone: (505) 989-4517.

FALL WORKSHOP

ASMS is pleased to announce the Fall Workshop on Capillary Electrophoresis/Mass Spectrometry: Practice and Applications, organized by Robert K. Boyd and Pierre Thibault. The workshop will be held October 13–14 at the Ramada Hotel Old Town in Alexandria, Virginia. *Additional information in this issue.*

THE 8TH SANIBEL CONFERENCE

The 8th Sanibel Conference on Mass Spectrometry, "Metal-Containing Ions and Their Applications in

Mass Spectrometry," organized by Jonathan Amster and Jennifer Brodbelt, will be held January 20–23, 1996, on Sanibel Island, Florida. The 1996 Sanibel Conference will focus on recent developments involving metal-containing ions and their applications in mass spectrometry. The study of metal ions, their analysis, interactions, and reactions, has proved to be one of the most exciting areas of gas-phase chemistry in recent years.

The growth in the understanding of fundamental aspects of metal ion reactivity has promoted the application of metal chemistry to structural elucidation of biological molecules, such as peptides and sugars, and allowed new inroads into the evaluation of cluster chemistry, including aspects of solvation. With the advent of electrospray ionization, even metal-protein interactions have begun to be probed. In addition to the emphasis on these topics, the latest advances in state-selective metal ion chemistry, atomic analysis, and gas-phase molecular recognition will be discussed. The program will include invited speakers and contributed posters covering the chemistry of metal-containing ions in the gas-phase and in solution as probed by mass spectrometry. Contributed posters are invited in the areas of ion-molecule chemistry, metallobiochemistry, state-specific chemistry, organometallic chemistry, and novel instrumentation developed for such studies.

The objective of this conference is to promote the exchange of ideas about metal-containing ions and their chemistry from both fundamental and analytical perspectives. The selected speakers will help to stimulate the exchange of ideas across several fields. For further information, please contact ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87505. Telephone: (505) 989-4517.

RELATED EVENTS

ASMS is happy to announce meetings of non-profit organizations. Please supply date, name of event, and location, along with the full address, telephone number and fax of contact person. You may also include a brief description, not to exceed one paragraph of 300 characters.

1995

September 24–28 11th Asilomar Conference on Mass Spectrometry, The Challenges of High Mass Ions: New Approaches to Structure, Energetics and Reactivity, Asilomar Conference Center, Pacific Grove, CA, Contact: ASMS, 1201 Don Diego Avenue, Santa Fe, NM

87505. Phone: (505) 989-4517, Fax: (505) 989-1073.
- September 24-29 ANZSMS-15, Sydney, Australia, 15th Conference of The Australian and New Zealand Society for Mass Spectrometry. Details are available from Assoc. Prof. Michael Guilhaus, ANZSMS-15 Secretary, School of Chemistry, The University of New South Wales, Sydney 2052, Australia; phone 02 385 4717; fax 02 385 5958; email M.Guilhaus@unsw.edu.au. The conference will be held on the campus of The University of New South Wales and has the following areas of focus: Biological Mass Spectrometry, Drugs in Sport, Ion Chemistry, Environmental Mass Spectrometry, ICP/MS, Mass Spectrometry and the Earth Sciences.
- October 13-14 Fall Workshop on Capillary Electrophoresis/Mass Spectrometry: Practice and Applications, Ramada Hotel Old Town, Alexandria, VA. Contact: ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87505. Phone: (505) 989-4517. Fax: (505) 989-1073.
- November 1-3 12th Liquid Chromatography/Mass Spectrometry "Montreux" Symposium to be held at Hilton Head Island, South Carolina. Short course will be held October 30-31. For further information contact: Robert Voyksner, Research Triangle Institute, P.O. Box 12194, Research Triangle Park, NC. Telephone: (919) 541-6697. FAX: (919) 541-7208.
- November 8-9 "Biological Application of Inorganic Mass Spectrometry" to be held at the Institute of Food Research, Norwich Laboratory, Norwich, UK. Sponsored by The British Mass Spectrometry Society and The Atomic Spectroscopy Group of the Royal Society of Chemistry. For further information call Ms. Helen Phipps, Institute of Food Research, Norwich Laboratory-Norwich Research Park Colney, Norwich NR4 7UA, UK. Phone: 44 1603 255219. Fax: 44 1063 2355168.
- November 29-December 2 8th Lake Louise Workshop on Tandem Mass Spectrometry. Deadline for Abstracts, October 15, 1995. For further information, contact: Marg Northcott, Geological Survey of Canada, 3303 33rd Street, N.W., Calgary, Alberta, Canada T21 2A7. Telephone: (403) 292-7041. Fax: (403) 292-5377.
- 1996
- January 20-23 The 8th Sanibel Conference on Mass Spectrometry, "Metal-Containing Ions and Their Applications in Mass Spectrometry," will be held on Sanibel Island, Florida. For further information contact: ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87505. Phone: (505) 989-4517. Fax: (505) 989-1073.
- September 22-26 Society for Glycobiology Annual Conference to be held in Boston, Massachusetts at the Boston Marriott Copley Place. For additional information contact: Professional Association Management, 1201 Don Diego Avenue, Santa Fe, NM 87505. Telephone: (505) 989-4735. Fax: (505) 989-1073.

ASMS

Fall Workshop on

CAPILLARY ELECTROPHORESIS/MASS SPECTROMETRY: PRACTICE AND APPLICATIONS

Friday and Saturday, October 13 & 14, 1995
Old Town of Alexandria, Virginia

The ASMS Fall Workshop on Capillary Electrophoresis/Mass Spectrometry addresses a topic of increasing interest to mass spectrometrists and to all analytical chemists. In view of its varied modes of operation (e.g. capillary zone electrophoresis, capillary isotachopheresis, capillary isoelectric focusing, micellar electrokinetic chromatography, capillary gel electrophoresis), CE is complementary to other analytical techniques such as HPLC. However, the direct coupling of CE to mass spectrometry has been a challenging task, and the development of this technique has been impeded by the high concentrations of involatile buffers often required for the separation. Numerous approaches have been proposed to circumvent these difficulties, and combined CE/MS is now a viable alternative for a number of applications involving trace analysis in complex matrices.

This Workshop is intended to provide an introduction to CE/MS, with an emphasis on practical issues pertaining to its efficient coupling and its contributions to the field of analytical chemistry. Six invited speakers will describe different aspects of this technique and will also act as resource persons for the open discussion and question-and-answer sessions. There will be a poster session and informal reception on Friday evening, as well as ample time for audience participation in discussions on this timely topic.

Workshop attendees are invited to present a poster directly related to the topic of Capillary Electrophoresis/Mass Spectrometry. See the Call for Posters in this brochure.

Speakers Topics

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| <p>* B. L. Karger
<i>Northeastern University</i></p> | A perspective on CE/MS from the separation point of view. |
| <p>* J. D. Henion
<i>Cornell University</i></p> | Current status of CE/MS coupling. |
| <p>* U. Tjaden
M. Mazereeuw
<i>Gorlaeus Laboratories</i></p> | On-line focusing for improvement of sensitivity in CE/MS and its impact on quantitation. |
| <p>* A. Tomlinson
<i>Mayo Clinic</i></p> | Strategies for enhancement of sample loading for CE/MS. |
| <p>* C. Monnig
<i>University of California</i></p> | Off-line CE/MS using MALDI-TOF-MS. |
| <p>* P. Thibault
<i>National Research Council</i></p> | CE/MS analyses of complex carbohydrates. |

* *Denotes presenting author*

The Workshop is organized by Robert K. Boyd and Pierre Thibault, National Research Council of Canada.

For additional information, contact ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87505.. Telephone: (505) 989-4517. Fax: (505) 989-1073. E-mail: 70404.2407@compuserve.com.

THE AMERICAN SOCIETY FOR MASS SPECTROMETRY
1996 Nomination for a Distinguished Contribution in Mass Spectrometry

Name of Person Nominated:

(First) (Ml) (Last)

Business Address:

(Department)

(Company or Institution)

(Mailing Address)

(City/State/Zip or Country)

Your Name:

(Telephone)

(Fax)

(e-mail)

Two others who support this nomination:

(Name)

(Telephone)

(Name)

(Telephone)

Purpose of Research Prize. To recognize a focused, singular achievement in or contribution to fundamental or applied mass spectrometry. The person nominated should have made a contribution that has had a significant impact on the fundamental understanding and/or practices of mass spectrometry. (Eligibility is not restricted to members of ASMS).

The award is announced at the ASMS Annual Conference with the presentation of a cash award of \$3,000 and a recognition plaque. Nominations will be held and automatically reconsidered for three years.

To submit a nomination, **complete a photocopy of this form and attach the following:**

1. **Description of Achievement:** Provide a short description (1-2 paragraphs) outlining the unique contribution and an indication of the impact of the contribution.
2. **Attach list of the nominee's key publications pertaining to this award and a list of no more than two of the nominee's subsequent publications relevant to the subject.**
3. **Send completed nomination form and attachments by November 30, 1995 to:**

ASMS Distinguished Contribution Award
 1201 Don Diego Avenue
 Santa Fe, NM 87505

This form may be photocopied.

THE AMERICAN SOCIETY FOR MASS SPECTROMETRY

CALL FOR 1996 RESEARCH AWARD PROPOSALS

OBJECTIVE: To promote academic research by young scientists in mass spectrometry.

ELIGIBILITY: Open to academic scientists within four years of joining the tenure track faculty of a North American university. Applicants may not have previously received an award under this program.

APPLICATION: Applicants should submit **SEVEN COLLATED SETS** of the following:

1. One page fiscal proposal & justification
2. List of current research support
3. Three page proposal, including references, figures, etc.
4. A vita
5. Two letters of recommendation (may be sent directly to ASMS)

DEADLINE: Application materials, including letters of recommendation, must be received in the ASMS office by November 30, 1995

FISCAL: The awards of up to \$25,000 will be made to a university in the name of the selected individual and for the researcher's exclusive use. In accepting this award, the institution will agree not to charge overhead on the funds.

INFORMATION: Contact ASMS, 1201 Don Diego Avenue, Santa Fe, NM 87505.
Telephone: (505) 989-4517.

Research Awards sponsored by FINNIGAN CORPORATION

- 1986 Gregory I. Gellene
University of Notre Dame
- 1987 Philip J. Brucat
University of Florida
- 1988 Mark A. Smith
University of Arizona
- 1989 Jon Amster
University of Georgia
- 1990 Doreen Geller Leopold
University of Minnesota
- 1991 Chrys Wesdemiotis
University of Akron
- 1992 Kevin L. Schey
Medical University of South Carolina

Continuing Sponsorship by Finnigan Corporation

- 1993 Susan T. Graul
Carnegie Mellon University
- 1994 Evan R. Williams
University of California at Berkeley
- 1995 Kermit K. Murray
Emory University

Research Awards sponsored by FISONS INSTRUMENTS

- 1986 Joseph J. Grabowski
Harvard University
- 1987 Susan V. Olesik
Ohio State University
- 1988 Denley B. Jacobson
North Dakota State University
- 1989 Steven Kass
University of Minnesota
- 1990 Jennifer Brodbelt
University of Texas at Austin
- 1991 Hilka Kenttamaa
Purdue University
- 1992 Vicki H. Wysocki
Virginia Commonwealth University

Sponsored by ASMS Research Fund: Fisons Instruments, JEOL USA Analytica of Branford, Balzers, Elsevier Extrel FTMS, Isotec, Teknivent

- 1993 Robert J. Levis
Wayne State University
- 1994 Kimberly A. Prather
Univ. of California at Riverside
- 1995 Lee Sunderlin
Northern Illinois University