

OCALL FOR PAPERS

Abstracts of papers to be presented at the conference are solicited at this time. An up-to-date list of session organizers is available on the MARC IX website listed below. If you are interested in submitting a paper to one of the special topic sessions, please contact the organizer or the Program Chair before submitting your abstract to help insure your paper is properly placed. All abstracts must be submitted to the Program Chair as described on the web site. Full details on preparation of 200-word abstracts and details on how to submit the abstracts can be found on the conference website.

TENTATIVE TIMELINES

Abstracts due: December 1, 2011
Notification to authors: December 15, 2011
Preliminary program: January 15, 2012
Draft Papers Due: At conference

CONTACT PERSONS

Questions concerning the scope and organization of the conference should be addressed to the General Chair:

Stephen P. LaMont, LANL
Tel: (505) 667-1008
E-mail: lamont@lanl.gov

Information on the scientific program of the conference can be obtained from the Program Chair:

Samuel E. Glover, NIOSH
Tel: (513) 553-6829
E-mail: sam.glover@uc.edu

CONFERENCE WEBSITE:

<http://altmine.mie.uc.edu/nuclear/marc/>

PROGRAM COMMITTEE

GENERAL CHAIR

Stephen LaMont, Los Alamos National Laboratory

TECHNICAL PROGRAM CHAIR

Samuel E. Glover, NIOSH

ASSISTANT PROGRAM CHAIR

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James T. Tanner, Food Research, Inc

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Sam and Sherry Glover

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CALIFORNIA SECTION REPRESENTATIVE

Annie Kersting, Lawrence Livermore National Laboratory

CONFERENCE SECRETARY

Patti Wilson, Washington State University

WEB DESIGN

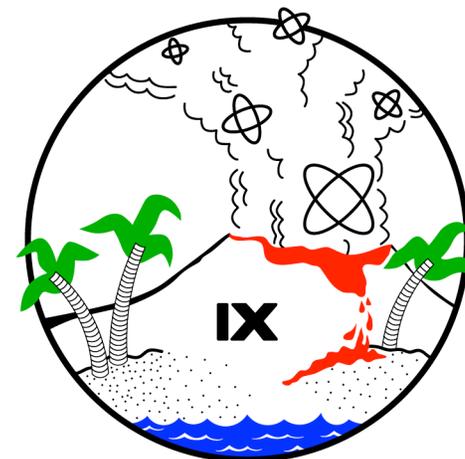
Dann Glover

TECHNICAL PROGRAM COMMITTEE

A complete list of the technical program committee can be found on the conference web site.

FIRST CALL FOR PAPERS

**Ninth International Conference
METHODS AND APPLICATIONS OF
RADIOANALYTICAL CHEMISTRY**



**March 25-30, 2012
Kailua-Kona, Hawaii, USA**

MARC IX

ABOUT THE CONFERENCE

The conference will continue the tradition set by the eight previous MARC conferences by focusing on emerging developments in radioanalytical chemistry, with particular emphasis on new applications. These conferences have grown to become a major international forum for the field of radioanalytical chemistry. The previous three conferences were the venue for the presentation of the Hevesy Medal, which is awarded to individuals who have made outstanding contributions to the fields of radiochemistry or radioanalytical chemistry, and the 2012 Hevesy Medal has been requested to be awarded at MARC IX. The scope of the conference includes, but is not limited to, techniques such as instrumental and radiochemical activation analysis; nuclear track analysis; radionuclide production; radiochemical separation methods; alpha, beta, gamma, x-ray and other nuclear spectrometries; *in situ* and remote sensing; radiochemical tracer methods, and mass spectrometry methods for the measurement of radionuclides. Applications of radioanalytical methods to environmental studies, environmental radioactivity including the actinide elements and radon, radioactivity in the ocean, biomedical, bioassay and clinical problems, geochemical, materials and energy sciences, nuclear fuel cycle and nuclear waste characterization, nuclear forensics, treaty monitoring, and non-proliferation studies are some of the topics presented at previous MARC conferences.

The objective of the MARC conferences is to promote a broad exchange of information on radioanalytical chemistry among scientists from participating countries. The MARC VIII conference attracted participants from more than 35 countries who benefited from the informal nature of the conference and the locale. The central geographic location of Hawaii encourages participation and attendance of scientists from Pacific Rim countries as well as providing European scientists with easy accessibility via major US airports. The isolated nature of Kailua-Kona on the Island of Hawaii provides an excellent atmosphere for informal discussions and working groups among the anticipated 250-300 attending scientists and also provides excellent recreational facilities for participating guests.

The conference will include both oral and poster sessions grouped around specific topics. Poster sessions will be organized around specific themes, similar, or in addition, to those included in the oral sessions. Continuing the policy of previous MARC conferences, papers presented at the conference will be peer reviewed and published in serial volumes of *The Journal of Radioanalytical and Nuclear Chemistry*. Titles of these papers (as well as those of other MARC conferences) can be viewed at the MARC web site.

TENTATIVE TOPICS

The following topics are not exclusive and the organizers welcome papers in any area of fundamental or applied radioanalytical chemistry.

General Call for Papers

Applications of Nuclear Techniques to National Security and Treaty Monitoring

Ultra-sensitive Mass Spectrometric and Other Methods Applied to Environmental Problems

Reference Materials for Nuclear Mass Spectrometry

Quality Assurance Topics in Radioanalytical Chemistry

Advances in Actinide Analytical and Radionuclear Chemistry

Analytical Chemistry in Support of the Fuel Cycle

Actinide Mass Spectrometry Techniques and Applications

Speciation Studies of Radionuclides in the Environment

Activation Analysis for Nuclear Materials

Environmental Radioactivity

The National Nuclear Forensics Expertise Development Program: Graduate, Post-Doctoral, and University Research and Education Efforts

Nuclear Forensics

Instrumental, Preconcentration, Radiochemical and Speciation Activation Analysis

Instrumentation and Software for Nuclear Spectrometry

A comprehensive list of special topics and organizers is located on the conference website:

CONFERENCE WEB SITE

The conference web site address is:

<http://altmine.mie.uc.edu/nuclear/marc/>

Most information about the conference will be distributed through the web site and by e-mail. The web site will be updated periodically as new information is published.

CONFERENCE LOCATION

The conference will be held at the Sheraton Keahou Bay Hotel (the same hotel where MARC VIII was held). Kailua-Kona on the beautiful Island of Hawaii provides an excellent atmosphere for informal discussions and working groups among the anticipated 250-300 attending scientists.

REGISTRATION

A registration fee will be charged to all attendees to help defray the costs of the conference. The fee will include all official conference functions and a copy of the published proceedings.

HOUSING

The Sheraton Keahou Bay Hotel is designated as the official headquarters hotel and attractive discounted rates will be offered to the attendees. Please make reservations early at the headquarters hotel to assist the organizers with maintaining low registration fees. Please see the web site for more information.

SOCIAL AND GUEST PROGRAM

A social program is planned to provide an opportunity for informal contacts and discussions among the participants. Activities for guests on the Big Island of Hawaii and the other Hawaiian islands are many and will be offered through local agents. See the web site for links to information on Hawaii.

