

Who should participate?

- Laboratory chemists engaged in daily routine work involving speciation analysis
- Laboratory managers who wish to become familiar with state-of-the-art techniques in speciation analysis

Course objectives

Isotope dilution analysis is an important method in speciation analysis to obtain accurate results. The aim of this training course is to familiarise the participants with the theory and practice of species specific and species-unspecific (post-column) isotope dilution mass spectrometry. Method validation and applications to environmental and biological samples will be covered. The small group of participants (max. 10) allows intensive practical exercises in the laboratory.

Participation fees

Participation fees (Euro 1140,-) include lunches, seminar drinks, course notes and a confirmation of participation.

Registration

Please use the registration card of this flyer or register in writing to the address given below, stating:

- date and title of training workshop
- your name, first name, title
- your affiliation and contact details

Your registration should have reached us January 23rd 2006 at the latest. However, since the number of participants is very limited early registration is recommended. Your registration will become binding by the written confirmation of the workshop organiser. For further inquiries and registration at short notice please call: ++49 (0251) 83 366 59 or email or fax to the contact given below.

Conditions of cancellation

When written cancellation of participation is received more than 21 days prior to the workshop date, refund of the course is subject to a handling fee of Euro 75,-. For later cancellations no refund is possible. Substitutes can be nominated at any time for a registered person.

Payments

Are to be made after receipt of the invoice.

Changes

Course program may be subject to changes for technical or organisational reasons. The organisers reserve the right to shift or cancel the Training Course in case of insufficient participation.

Accommodation

A list of hotels will be enclosed to your confirmation of registration by which you can book a hotel. Information is also available on the web site for this course.



EVISA

Training course

Other EVISA Training Courses:

- 12.-13.09.2005 Arsenic Speciation in Foodstuffs and Water in Relation to Legislative Requirements
- 12.-15.09.2005 Speciation analysis applied to environmental issues
- 19.-20.10.2005 Fundamentals of Coupling Techniques in Speciation Analysis
- 21.10.2005 Organic Mass Spectrometry in Speciation Analysis
- 14.-15.11.2005 Selenium Speciation in Foods and Food Supplements
- 24.-25.11.2005 Speciation Analysis and Food Security
- 05.-08.12.2005 Speciation analysis applied to industrial issues

For a complete seminar program please visit www.speciation.net, your up-to-date information source for speciation analysis!

Accuracy and quality assurance in speciation analysis by isotope dilution mass spectrometry

February, 23-24, 2006
Pau, France



European Virtual Institute for Speciation Analysis

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Co-organised by:
EVISA
LCABIE-Université de Pau-CNRS



I register

Complete this form and register by fax:
+49 251 83 - 360 13
or by mail, using a window envelope.

I register to the Training Course
herewith to the Training Course
„Accuracy and quality assurance
in speciation analysis by isotope
dilution mass spectrometry“

February, 23 - 24, 2006 in
Pau, France.
 The registration fee is Euro 1140,-
(no tax applicable) I acknowledge
the conditions for participation.

Title:

First Name:

Family Name:

Company:

Department:

Street:

Area Code:

For:

Fax:

Date, Signature:

European Virtual Institute for Speciation Analysis (EVISA)

University of Muenster

Attn. Dr. Wolfgang Buscher

Corrensstrasse 30

D-48149 Munster, Germany

Course Program

Accuracy and quality assurance
in speciation analysis by IDMS

Course Program

1st day

February, 23, 2006
9.00-17.00 hrs

- Welcome and registration: 9:00-9:30 h
- Theory of isotope dilution analysis
- Species specific and species unspecific isotope dilution
- Certified reference materials
- Organotin and organomercury compounds in sediments
- Practical exercises on speciated isotope dilution analysis of TBT and DBT by GC-ICP MS

2nd day

February, 24, 2006
9.00-17.00 hrs

- Data processing and method validation
- Isotope dilution analysis of biomolecules
- Practical exercises on post-column isotope dilution analysis of biomolecules by HPLC-ICP MS

Course Venue

LCABIE,
Laboratoire de Chimie Bio Inorganique et Environment,
Helioparc, 2, Avenue du President Angot,
F-64053 Pau, France

Course instructors and their field of expertise:

Ryszard Lobinski

LCABIE

metallomics, hyphenated techniques, general aspects

Shona McSheehy

LCABIE

species specific isotope dilution analysis, GC-ICP MS,
speciation analysis

Dirk Schaumlöffel

LCABIE

hyphenated techniques, capillary/nano HPLC and CE,
isotope dilution analysis

Comprehensive course notes are included in the workshop fees.

Contact and further information

EVISA office, University of Muenster

Corrensstrasse 30, D-48149 Münster

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