

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

The aim of this training course is to introduce the fundamentals of modern coupling techniques in speciation analysis. This concerns the theory and practice of interfacing of gas- and liquid chromatography, including modern capillary and nano HPLC, as well as capillary electrophoresis to element specific detectors. Applications of species analysis in environmental and biological samples will be presented. 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 September 19th 2005 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

Register till
Sept 19th
2005!

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
- 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
- 23.-24.02.2006 Accuracy and Quality Assurance in Speciation Analysis by IDMS

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

Fundamentals of coupling techniques in speciation analysis

October, 19-20, 2005
Pau, France



European Virtual Institute for Speciation Analysis

EVISA office: University of Muenster
Corrensstrasse 30, D-48149 Münster
Dr. Wolfgang Buscher
Telefon: ++49 (0251) 83 366 59
Fax: ++49 (0251) 83 360 13
E-Mail: Wolfgang.Buscher@uni-muenster.de
Internet: www.speciation.net

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



I register

- October, 19 - 20, 2005 in Pau, France.
- The registration fee is Euro 1140,- (no tax applicable) I acknowledge the conditions for participation.

herewith to the Training Course „Fundamentals of coupling techniques in speciation analysis“

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

Title:

First Name:

Family Name:

Company:

Department:

Street:

Area Code:

Fon:

Fax:

Date, Signature:

European Virtual Institute for Speciation Analysis (EVISA)

University of Muenster
Attn. Dr. Wolfgang Buscher
Corrensstrasse 30

D-48149 Münster, Germany

Course Program

Fundamentals of coupling techniques in speciation analysis

Course Program

1st day
October, 19, 2005
9.00 - 17.00 hrs

- Welcome and registration: 9:00-9:30 h
- Introduction in the theory of GC-AED and GC-ICP MS and applications to environmental samples
- Practical exercises in GC-AED and GC-ICP MS

2nd day
October, 20, 2005
9.00 - 17.00 hrs

- Introduction in the theory of HPLC, capillary and nano HPLC, and capillary zone electrophoresis; applications
- Interfaces for coupling capillary and nano HPLC and CZE to ICP MS
- Practical exercises in capillary and nano HPLC-ICP MS with applications to selenopeptide analysis

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

Brice Bouysiere

LCABIE

gas chromatography – ICP MS, GC – AED

Dirk Schaumlöffel

LCABIE

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

Pierre Giusti

LCABIE

capillary and nano HPLC – ICP MS

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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Fax: ++49 (0251) 83 360 13

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