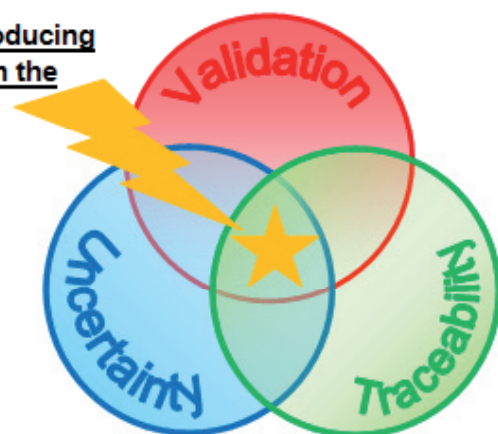


EURACHEM WORKSHOP ON
Validation /Traceability /Measurement Uncertainty
Challenges for the 21st Century's analysts

The basis for producing
reliable results in the
laboratory



Berlin – May 21 – 22, 2012
(in connection with Eurachem General Assembly 2012)

PRELIMINARY ANNOUNCEMENT - DETAILED PROGRAM WILL FOLLOW

SUPPORTED BY



eurolab-Deutschland
Chemische Analytik; Mess- und Prüftechnik e.V.

Eurachem issued the guide on method validation “The Fitness for Purpose of Analytical Methods. A Laboratory Guide to Method Validation and Related Topics” in 1998, and in 2003 guidance on “Traceability in Chemical Measurement” was published. Lately the 3rd version of “Quantifying Uncertainty in Analytical Measurement” is about to be issued.

This workshop will focus on the relationship between method validation, traceability and measurement uncertainty in various fields of quantitative analytical measurements.

The workshop will

- » Review the development in these three areas
- » Share ideas on the needs for guidance on method validation with focus on the link between the three elements
- » Discuss the criteria for methods – and the results they produce – being fit for purpose

WORKSHOP CONTENT

The workshop will deal mainly with Method Validation issues on day one and Measurement Uncertainty and Traceability on day 2. Both days it will show how all the components are interrelated

Topics to be covered include

Day 1

Method Validation

- » The linkage between method validation, traceability and measurement uncertainty
- » What has happened in the area of analytical method performance since the issue of the “Fitness for Purpose” Guide in 1998?
- » Current regulatory requirements
- » Translating customers’ needs to method validation requirements – the link to performance criteria
- » Challenges of performing appropriate Method Validation
- » How can the established procedures for method validation, estimation of MU and securing traceability be applied to the “modern” heavily instrumented and automated methods?
- » Challenges for validation of automated and instrumented methods (“Black Boxes”)
- » Validation of test kits
- » Securing validity of methods for the matrices and content levels identified in the scope of the method
- » From method validation to internal QC

Day 2

Measurement Uncertainty

- » The new Eurachem Guide for Measurement Uncertainty - a summary of structure and changes
- » Using method validation and performance data for estimating measurement uncertainty.
- » Verifying measurement uncertainty estimates
- » New approaches to Measurement Uncertainty estimation (numerical methods, Monte Carlo simulation etc.)

Traceability

- » Current Eurachem guidance on Metrological Traceability
- » Practical ways of establishing traceability of Analytical Results
- » Traceability to a unit, a material or a method?
- » Measurement uncertainty and the traceability chain

The workshop will provide ample opportunity to discuss the above topics in interactive presentation and discussion ('breakout') sessions as well as in the plenary lectures. Participants may additionally present and discuss posters in arranged poster sessions.

{This event will be followed up by another event in the autumn of 2012 focusing on the need for currently securing that the basis established above is still valid – e.g. by checking of the laboratory's performance in terms of internal control.}

POSTER PRESENTATIONS

The Scientific Committee invites participants to present posters on subjects related to the theme of this workshop.

Please use the registration form for submitting the proposed poster title and provide an abstract (1 page, pdf format) by 31 March 2012 at the latest.

Registration forms should be sent to eurolab-d@bam.de and abstracts to ips@labqa.dk.

As only a limited number of posters will be allowed (30), the Scientific Committee will evaluate the delivered abstracts for a selection of the posters to be presented at the workshop.

SCIENTIFIC COMMITTEE

L. Sibbesen, DK
A. Williams, UK
S.L.R. Ellison, UK
M. Walsh, IRL
R. Kaus, DE
W. Bremser, DE
B. Magnusson, SE
R. Bettencourt da Silva, PT
W. Wegscheider, AT

ORGANIZING COMMITTEE

M. Golze, DE
R. Nüsser, DE
M. Hedrich, DE
L. Sibbesen, DK

REGISTRATION AND PRACTICAL INFORMATION

Workshop Language

The workshop will be held in English

Participation fees *

Workshop fee	440 EURO
Early registration before 31 March, 2012	380 EURO
Accompanying person	70 EURO

The number of participants will be limited to 150.

The registration fee includes a compilation of abstracts, lunches, refreshments and a workshop dinner.

CONTACT

Any requests regarding the event can be directed to...

Organisational matters

Roswitha Nüsser
EUROLAB-Deutschland
Phone +49 30 8104 3703
Mail: eurolab-d@bam.de

Scientific questions

Lorens Sibbesen
EUROLAB-Denmark
Phone +45 47 72 17 07
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*{If you cancel up to 14 days before the workshop, we will refund your workshop fee less a 25 Euro administration fee.

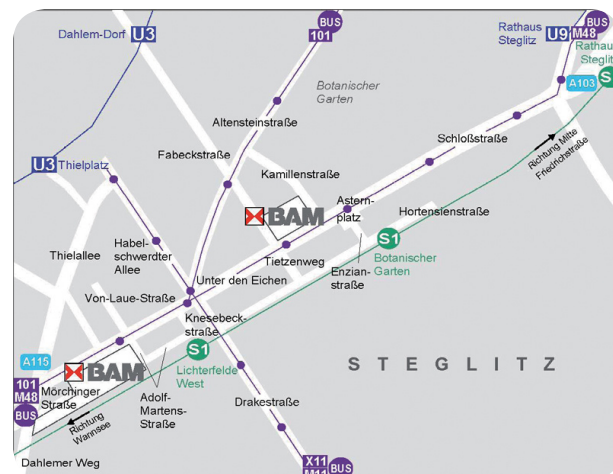
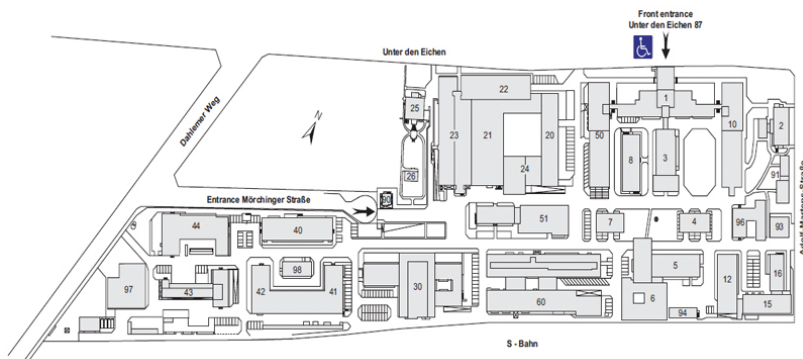
PLEASE NOTE: You may transfer your registration to a colleague at any time. Please notify the organisers of any such substitutions as soon as possible. If you do not cancel and do not attend the workshop, you will be responsible to pay the full workshop fee.}

VENUE

Conference location

Federal Institute for Materials Research
and Testing (BAM)

Unter den Eichen 87
12205 Berlin, Germany



ACCOMMODATION

A number of rooms are reserved until March 21, 2012 in the

Best Western Premier Hotel Steglitz International

Albrechtstrasse 2, 12165 Berlin.

Phone +49 30 79 00 55 21

Fax +49 30 79 00 55 30

Mail info@steglitz.bestwestern.de

URL www.steglitz.bestwestern.de

Before this date rooms may be booked at a reduced rate incl. service, breakfast and 19% VAT, using the reservation code „EUROLAB12“.



Additional hotel information and room reservations are provided by www.touristeninformation-berlin.de/accomodation

Please contact us if you wish to use an alternative hotel and need further information or assistance.