



*QUALITY & STATISTICS!

WORKSHOP '17

Your Benefits at a Glance

- Get a practical understanding of the statistical basis behind method validation according to ISO 5725-2
- Understand the updated principles of proficiency testing according to the new ISO 13528 and ISO 17043
- Learn to visualize relationships between data in intuitive ways
- Get an introduction to sophisticated result interpretation methods to get the most out of your data

QuoData Workshops: Expanding Your QA Knowledge

QuoData's regular workshops disseminate the know-how acquired through more than 20 years' experience in analytical quality assurance. The Workshop for the Evaluation of Interlaboratory Studies gives participants the opportunity to get a clear understanding of the standards behind proficiency testing (PT) and method validation (MV). Throughout the workshops, participants are given the opportunity to get hands-on experience applying the methods discussed in the presentations by means of practical examples based on real-life data.

You can feel confident in our instructors who have many years of experience teaching and are also recognized members of national and international committees for quality assurance standards.

*Workshop for the Evaluation of Interlaboratory Studies

Working with PROLab
22–24 February 2017, VKU Forum Berlin

Workshop Language _ English

Dates _ 22 – 24 February 2017

Location _ VKU Forum, Invalidenstraße 91, 10115 Berlin

Registration _ to register, use our online form available at:
<http://quodata.de/registration.php>

Feel free to register for all three days or pick the days which are most interesting to you.

Contact

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*Please note that the number of participants is limited to 15.

Participation Fee

Fees for the workshop depend on the respective license agreement. Non-licensees are charged a fee of 1,500 €. If a QuoData software license is purchased within 2017, the fee will be subtracted. Fees do not include VAT. If the seminar is cancelled by QuoData GmbH, paid fees will be fully refunded. Further claims for compensation against QuoData GmbH are excluded.

We reserve the right to cancel or reschedule the workshop due to a lack of demand.*



OUTLINE

Basics in Proficiency Testing and Method Validation Wednesday, 10:30 am – 5 pm

- Method validation according to ISO 5725-2
 - Statistical basics
 - Practical evaluation with PROLab
- Proficiency testing according to the new ISO 13528
 - Statistical basics
 - Practical evaluation with PROLab
 - Requirements of ISO 17043: Realization with PROLab

PROLab – Software for PT Programs and Collaborative Studies

PROLab is a software family for planning, organizing, performing and analyzing interlaboratory tests – that is, for both proficiency tests assessing the performance of laboratories (typically acc. to ISO 13528) and collaborative studies for the validation of analytical methods (typically acc. to ISO 5725: 1-6).

In particular, PROLab provides all necessary features to meet the requirements of ISO 17043 on quality management and quality assurance for proficiency testing providers. PROLab is used and recommended by some of the most important PT providers worldwide.

Reports, Sample Characterization and Evaluation Across Samples Thursday, 9 am – 5 pm

- Efficient customization and generation of reports using PROLab
- Homogeneity and stability testing
 - Statistical basics
 - Stability testing with mqVAL
- Youden plot and laboratory assessment across samples
- Reference material characterization by means of inter-laboratory studies

Advanced Evaluation and Current Developments Friday, 9 am – 3 pm

- Case studies from workshop attendees
- What's new in PROLab: Overview of new features
- Hampel estimator and KDE based on lab uncertainties
- Evaluation based on different analytical methods

Registration is open until 15 December 2016!

Upcoming QuoData Events

The PROLab Workshop is one of our training events in the field of quality assurance. Further upcoming events:

InterVAL Workshop (German), 23 – 25 November 2016, Dresden
Method Validation Workshop (English), 28 – 29 March 2017, Berlin
PROLab Workshop (German), 3 – 5 May 2017, Dresden
InterVAL Workshop (English), 8 – 10 November 2017, Berlin