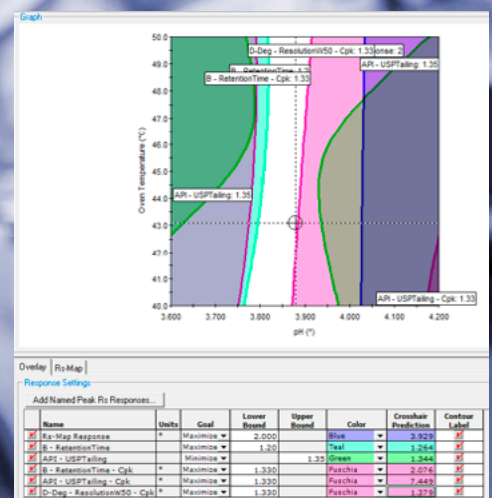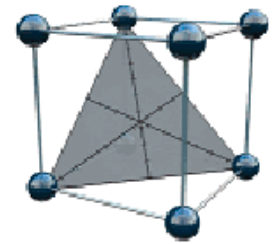cromingo

Fusion QbD® Public Webinar

Fusion Method Development Fundamentals

Practitioner Certification Course

In German or English, Condcuted by a Certified Fusion QbD Trainer

Key Topics

▸ Design of Experiments (DOE) Methodology

▸ Screening and Optimization Experiments

▸ Special Considerations for Forced Degration Studies (FDS)

▸ Use of Automated Peak Tracking in Fusion QbD

▸ Integrating Robustness in Optimization Experiments

▸ Establishing the Method Operable Design Region (MODR)

▸ Interpreting Quality of Data Models

▸ Replication Strategy Optimization

Background and Objective

This course provides a formal instruction into the operation of the Fusion Method Development application module and is intended for users, who want to start working with Fusion QbD or already have made first experiences with the software.

Who Should Attend

Fusion QbD user charged with developing robust, transferrable analytical methods.

Dates

- ○ English, Sep 25 & Oct 02/09, 2024
- ○ German, Sep 05/12/19, 2024

3 x three hours: 13:30 - 16:45 (CET) including 15 min break

Full Course Price

Per Participant: € 670,-

General Course Information

Maximum Number of Participants: 5
Prerequisites:
- ▶ Stable Internet Access
- ▶ Computer with Cam and Microphone

Each Participant will get a certificate after course completion.

Training Goal

The participants will get a deep understanding of the intended Fusion QbD workflow and learn how to succesfully work in the automated mode. Thus, they will be enabled to setup and evaluate own method development studies until the final robust analytical method.

About

As a service and distribution partner of S-Matrix® Corporation Cromingo offers sales, support, training and qualification for the Fusion QbD software platform in Central Europe with a special focus on German speaking countries.

Detailed Course Content

Session 1: Screening Experiments

- ▶ Design of Experiments (DOE) Methodology and automated workflow in Fusion QbD
- ▶ Chemistry System Screening Experiments
  - > Experiment Design
  - > Knowledge Expectation from Data Modeling
- ▶ Cross-Platform Data Integrity
  - > Bi-Directional Data Exchange
- ▶ Chromatogram Processing - Trend Responses

Session 2: Optimization Experiments

- ▶ Screening Experiment - Data Analysis
- ▶ Reporting
- ▶ Optimization Experiment - Design
- ▶ Chromatogram Processing - Optimization Responses
  - > Basic Integration
  - > Use of MS Data when available (Acquity QDa or MSD)
- ▶ *Peak Tracker™* Data Import
- ▶ Peak Tracking in Optimization Experiments

Session 3: Optimization Experiments

- ▶ Optimization Experiment - Data Analysis
  - > The Resolution Map - Uses and Limitations
  - > Mean Performance versus Robustness
- ▶ Optimization Experiment - Robustness Integration
  - > Robustness Metrics
  - > Robustness Characterization of the entire Experimental Region
  - > Establishing the Method Operable Design Region (MODR)
- ▶ FDS - Data Processing Automation Support
- ▶ Replication Strategies

Fusion QbD® Public Webinar - Registration Form

cromingo ◢

Registration Form (Please fill in completely)

Please select a course event:

○ Fusion Method Development Practictioner Certification - English, Sep 25 & Oct 02/09, 2024
○ Fusion Method Development Practictioner Certification - German, Sep 05/12/19, 2024

Contact Details for the registered participant:

Invoice address, if different:

....

Title, First Name, Surname

....

Department

....

Company

....

VAT ID

....

P.O. No, if applicable

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City

....

Zip Code

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Country

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Phone

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E-Mail

Full Course Fees (per delegate, plus VAT)

Per dparticipant € 670
The conference fee is payable after receipt of invoice preferably by credit card, VAT is reclaimable. Modalities will be explained with order confirmation.

Registration

Via the attached reservation form, by e-mail.

Organisation and Contact

Cromingo e.K.
Klosterufer 2
24582 Bordesholm

info@cromingo.com
www.cromingo.com

GENERAL TERMS AND CONDITIONS

REFUND POLICY: If you cannot attend the conference you have two options:
1. We are happy to welcome a substitute colleague at any time.
2. If you have to cancel we will charge the following cancellation fee:

- **Cancellation before participation at Session 1: 0%**
- **Cancellation after participation at Session 1: 100 %.**

CROMINGO reserves the right to change the materials without notice or to cancel an event.
If the event must be cancelled, registrants will be notified as soon as possible and will receive a full refund of fees paid.
Cancellation has to be performed in writing by both parties (E-Mail or Postal Mail).

TERMS OF PAYMENT: Payable without deductions after receipt of invoice. Important: This is a binding registration and CROMINGO will confirm this registration within 2 weeks upon receipt. With the order confirmation a contract is concluded between CROMINGO and the participant. Above fees are then due in case of cancellation or non-appearance. If you cannot take part, you have to inform us in writing. In case you do not appear at the event without having informed us, you will have to pay the full registration fee, even if you have not made the payment yet. Only after we have received your payment, you are entitled to participate in the webinar. The receipt of payment will be confirmed!
German law shall apply. Court of jurisdiction is Kiel.

PRIVACY POLICY: By registering for this event, I accept the processing of my Personal Data. CROMINGO will use my data for the processing of this order, for which I hereby declare to agree that my personal data is stored and processed. CROMINGO will only send me information in relation with this order or similar ones. My personal data will not be disclosed to third parties (see also the privacy policy at https://www.cromingo.com/datenschutz.php). I note that I can ask for the modification, correction or deletion of my data at any time via contacting CROMINGO.