

COURSES

2023



ONLINE SEMINARS • WORKSHOPS

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Introduction

Dear chromatography users,

We are especially pleased that in addition to our online seminars we can finally offer you «live» events again in this 2023 seminar calendar. In comprehensive workshops you can perfect your practical skills - with immediate benefits, because you apply what you have learned directly in our application laboratory. Of course, you can also easily broaden your knowledge in the online seminars.

*Contact us if your desired seminar goes beyond the topics mentioned:
we would be happy to design an individual training course for you.*

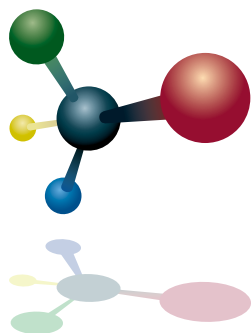
We look forward to welcoming you to one of our training courses!

Kind regards,

Mathias Hehn

Online Seminar

Method Development in Chiral Chromatography



This seminar will provide all the important aspects of phase screening and method development in chiral HPLC and SFC. As method predictions are especially difficult for chiral chromatography, a special focus will be on the selection of chiral stationary phase and eluent. Based on specific examples you will learn how to optimise methods efficiently.

Contents and Learning Objectives

- What you have to consider at the start of a project: target (e.g. quality control, purification), sample characteristics and system specifications
- How to find the optimum column by phase screening.
- Through optimisation of resolution, run time and selectivity to the final method.

Target Group

All chromatography operators who are working with chiral separations.

Dates

22.03.2023, 10 am (CET), duration 2 hours

08.11.2023, 10 am (CET), duration 2 hours

Price (net)

220 € / 269 CHF per participant

including seminar documents and certificate of participation

Platform

You will receive your invitation to the online seminar platform (Cisco Webex) shortly before the seminar date.

Online Seminar

Introduction to Preparative HPLC



This seminar will provide all the basics of preparative chromatography and therefore will assist you during the complete procedure of process development beginning with method selection and optimisation in analytical scale through determination of the ideal load to scale-up to the final preparative scale.

Contents and Learning Objectives

- Differences between analytical and preparative chromatography
- Important preparative process parameters: purity, yield and productivity
 - the “triangle” of preparative chromatography
- Outline of preparative method development: three steps to your preparative method

Target Group

All chromatography operators who are new to the field of preparative chromatography

Dates

16.03.2023, 10 am (CET), duration 2 hours

18.10.2023, 10 am (CET), duration 2 hours

Price (net)

220 € / 269 CHF per participant

including seminar documents and certificate of participation

Platform

You will receive your invitation to the online seminar platform (Cisco Webex) shortly before the seminar date.

Online Seminar

Theory of Glass Column Packing



This seminar will provide all the theoretical basics of packing glass columns with biochromatography resins in laboratory and pilot scale – from preparation procedures through different packing methods to column qualification. Helpful tips for troubleshooting and method optimisation will complement the seminar.

Contents and Learning Objectives

- Packing procedures: flow packing, axial compression and pack-in-place
- Column qualification: determination of HETP and asymmetry using pulse test and transition analysis
- Troubleshooting

Target Group

All glass column users

Dates

01.03.2023, 10 am (CET), duration 2 hours

06.09.2023, 10 am (CEST), duration 2 hours

Price (net)

220 € / 269 CHF per participant

including seminar documents and certificate of participation

Platform

You will receive your invitation to the online seminar platform (Cisco Webex) shortly before the seminar date.

Online Seminar

Your Individual Online Seminar

Would you prefer a dedicated seminar only for your company?

Do you want a seminar on a different topic?

For many years, YMC has been well-known for its profound knowledge in all fields of liquid chromatography. Therefore, just let us know should you wish to have your own training date or a custom seminar on your specific topic. This may be based not only on the shown Online Seminars outlined above but also on different topics such as:

- Basics of HPLC
- Column selection: how to find the optimum column for your target separation
- Method development: how to optimise resolution and run time
- (U)HPLC Troubleshooting
- Theory of glass column packing with rigid particles (e.g. silica)
- ... and many more

Let us develop your individual seminar together. Your advantages:

- Topics and duration by agreement
- Date by agreement
- Fixed costs

Use the request form at

<https://ymc.eu/customer-training-and-education.html>

or contact

Dr. Mathias Hehn

hehn@ymc.de

Workshop

Glass Column Packing in Laboratory and Pilot Scale



This two-day workshop will enable you to pack laboratory and pilot scale columns with a biochromatography resin. The principles of preparation, packing methods and column qualification discussed in the theoretical part will directly be practiced in the laboratory by flow-packing of different columns. Helpful tips for troubleshooting and method optimisation will complement the workshop.

Contents and Learning Objectives of the Theoretical Session

- Stationary phases: characteristics and application areas
- Basic requirements for a well packed column
- Calculations and slurry preparation
- Packing procedures: flow packing, axial compression and pack-in-place
- Column qualification: determination of HETP and asymmetry using pulse test and transition analysis
- Troubleshooting: what you can learn from column performance evaluation results

Contents and Learning Objectives of the Practical Session

- Packing and Qualification of a lab scale glass column with an ion exchange resin
- Packing and Qualification of a pilot scale glass column with an ion exchange resin

Target Group

- All glass column users

Dates

26.–27.04.2023

14.–15.11.2023

Location

YMC Europe GmbH
Schöttmannshof 19
46539 Dinslaken
Germany

Price (net)

1,700 € / 1,790 CHF per participant

including seminar documents, certificate of participation, lunch and coffee breaks

Travel and accommodation cost are *not* included.

Requirements for Participation

Please note the following conditions to participate in the practical part:

- no open-toed shoes
- long legwear
- no contact lenses

Protective clothing and gear such as lab coats, safety glasses and protective gloves will be provided.

Inhouse Seminars and Workshops

You decide on the location!



We will be happy to welcome you to a seminar in Dinslaken. **Or we could also come to your site!**

- You can't attend a seminar on our site?
- You want a number of colleagues to benefit from our seminars?
- You require a special seminar tailored to your needs?

Of course, you can also book a seminar on your site!

Choose your seminar from our seminar and workshop program (please refer to the overview on page 11). The date, location and number of attendees can be arranged according to your specific requirements.

Your benefits:

- Topics and duration by agreement
- Date and location by agreement
- Flexible number of attendees
- Fixed costs

You can use the contact form at

<https://ymc.eu/customer-training-and-education.html>

or you can directly contact:

Dr. Mathias Hehn

hehn@ymc.de

Course Overview

Course topic	Course type	Duration	Price per person (net)	Dates	Available as Inhouse training?
Method Development in Chiral Chromatography	Online seminar	2 hours	220 € / 269 CHF	22.03.2023, 10 am 08.11.2023, 10 am	yes*
Introduction to preparative chromatography	Online seminar	2 hours	220 € / 269 CHF	16.03.2023, 10 am 18.10.2023, 10 am	yes*
Theory of Glass Column Packing	Online seminar	2 hours	220 € / 269 CHF	01.03.2023, 10 am 06.09.2023, 10 am	yes**
Glass Column Packing in Laboratory and Pilot Scale	Workshop (YMC Europe, Dinslaken)	2 days	1.700 € / 1.790 CHF	26.–27.04.2023 14.–15.11.2023	yes***

* Duration by agreement; typically from 4 hours to 8 hours

** see Workshop: Glass Column Packing in Laboratory and Pilot Scale

*** Duration by agreement; typically from 1 day to 2 days

Registration and Terms of Attendance

Registration

For registration, please use the forms on our website:

<https://ymc.eu/customer-training-and-education.html>

Please send the completed form to hehn@ymc.de.

Depending on the number of registrations YMC reserves the right to select an alternative date.

Terms of attendance at the seminars and workshops

Enrolment for a seminar becomes effective by YMC sending the confirmation of enrolment. YMC Europe GmbH reserves the right to change content and agenda of an event as well as to cancel an event.

If an event does not take place, a possible claim for a refund from YMC is limited to the reimbursement by YMC up to the amount paid as the contribution for attendance, if already paid. However, a refund will only take place if YMC does not offer another date for the seminar to the participant.

The following charges apply in case you need to cancel your participation:

- 30 to 15 days prior to the event = 50% of the event price
- from 14 days prior to the event = 100% of the event price

As an alternative to your cancellation, an alternative colleague of yours may participate in the event without extra charge.



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