

Chromatography and Hyphenation

22 - 26 August 2016, 09:00 - 17:00, 5 days

HAN, Laan van Scheut 2, Nijmegen

Content

This five-day course provides a brief review of the main chromatographic (and related) techniques and specific insight in some hyphenated and two-dimensional methods of analysis.

Target audience

The course is taught in the framework of the Analytical Sciences Talent Program (ASTP) for top talents in vocational education (HLO/Universities of Applied Sciences) in the final year of their program (ASTP-3). The course is also aimed at PhD-students in analytical sciences or related fields who are not specialized in chromatography (ANAC-basic course). Finally, the course is suitable for graduates (BSc, MSc and PhD) interested in Chromatography and seeking additional knowledge and understanding.

Topics

Schedule to be finalized

Morning: 9:00 - 10:30 and 11:00 - 12:30 (except Monday, start at 9:45)

Lunch: 12.30 - 13.30

Afternoon: 13.30 - 15:00 and 15:30 - 17:00 (except Friday, end at 15:00)

Topics covered:

- Liquid chromatography (LC and LCxLC)
- LC Gradients
- LC Method Development
- Gas Chromatography
- Capillary Electrophoresis
- LC-MS, GC-MS, CE-MS
- Supercritical-fluid chromatography
- Field-flow fractionation
- Multi-angle light scattering
- Chiral Separations
- Hyphenated and Mass Spectrometric techniques
- Polymer Separations

Lecturers

Prof. Dr. Ir. Peter Schoenmakers

Professor Analytical Chemistry at the University of Amsterdam and COAST Educational Director



Peter Schoenmakers obtained his PhD from the TU Delft in 1981. After a career in industry at Philips Research Labs (Eindhoven) and Shell (Amsterdam and Houston), he became full-time professor of polymer analysis and analytical chemistry at the University of Amsterdam in 2002. His current research focus is on comprehensive two-dimensional (liquid) chromatography and on applications of analytical chemistry in forensic science.

In 2009 he won the Eastern Analytical Award for Outstanding Achievements in Separation Science and in 2010 he received the Martin Gold Medal of the Chromatographic Society. In 2014 he received the prestigious Knox Medal.

Speakers include speakers from industry and several co-workers, PhD-students and PostDocs from the University of Amsterdam and Vrije Universiteit.

At the end of the course

You will have (re-)gained a good understanding of separation science and you will have gained detailed knowledge in a number of key areas.

Course duration and time investment

Course duration:	5 days from 09:00 till 17:00
Company time:	0 hours (as this course is on a Saturday)
Participant's investment:	5 days + optional self-study

Extra Information

This course is part of the ASTP Summer Course and is taught every year.

Course fees:

- €800 (ex. BTW/VAT) per day
- COAST members pay a reduced fee of €400 per day (ex. BTW/VAT) or use a wildcard
- ASTP / MSc+ students: Free

Special fees can be offered to PhD students and companies registering for three or more persons.

For up-to-date information about the course program visit our website at www.ti-coast.com/L3.

Please contact us for more information.

Registration

To register fill out, sign and email the form attached to lifelonglearning@ti-coast.com.

Registration Form

Chromatography and Hyphenation
22-26 August 2016, 09:00-17:00
Hogeschool Arnhem Nijmegen (HAN), Laan van Scheut 2, Nijmegen

Name	
Organization	
Address	
Billing address (if different from above)	
Educational background	
Email address	
Phone number	

I will attend on the following date(s):

- Day one: 22 August 2016, 09:45-17:00, **Chromatography and Hyphenation**
- Day two: 23 August 2016, 09:00-17:00, **Chromatography and Hyphenation**
- Day three: 24 August 2016, 09:00-17:00, **Chromatography and Hyphenation**
- Day four: 25 August 2016, 09:00-17:00, **Chromatography and Hyphenation**
- Day five: 26 August 2016, 09:00-15:00, **Chromatography and Hyphenation**

Payment

- I will pay the full course fee of €800 per day (ex. BTW/VAT)
- I am a member of KNCV and will pay € 600 per day (ex. BTW/VAT)
- I qualify for 50% discount, because my employer is a COAST participant, and will pay €400 per day (ex. BTW/VAT)
- I am a PhD student and will pay €400 per day (ex. BTW/VAT)
- I am a PhD student from a group participating in COAST and will pay €200 (ex. BTW/VAT) per day
- I have received a wildcard from: Therefore, I will follow this course for free (note: this person must receive a copy of your registration mail, to indicate approval)

Date:

Place:

Signature:

To register, please email the duly signed registration form to lifelonglearning@ti-coast.com