

Separation Methods: Capillary Electrophoresis

8 April 2017, 10:00-17:00

HAN, Laan van Scheut 2, Nijmegen

Content

This one-day course will teach you the basic principles and applications of Capillary Electrophoresis (CE). Capillary Electrophoresis is used for the highly efficient separation of ions and ionogenic species. It is applied in (bio)pharmaceutical, biomedical, clinical, food, forensic and chemical analysis, e.g., for quality control and diagnostic purposes.

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 second year of their program (ASTP-1). Therefore, the course is well fit for employees at that level.

Topics

- Fundamentals of Capillary Electrophoresis.
- CE experimental setup and characteristics.
- CE separation modes.
- Typical applications of CE.

Lecturer

Prof. Dr. Govert W. Somsen

Professor of Biomolecular Analysis/Analytical Chemistry at the Vrije Universiteit (VU) Amsterdam.



Govert Somsen studied Chemistry at the VU with a specialization in Analytical Chemistry and Applied Spectroscopy. He obtained his doctorate at the VU on the coupling of liquid chromatography with vibrational spectroscopy for the identification of compounds in complex mixtures. In 1996, he was appointed assistant professor in Pharmaceutical Analysis at the University of Groningen. In 2001 he became associate professor in Biomedical Analysis at Utrecht University. During this appointment he was also part-time reader (lector) on Analytical Techniques in Life Sciences at Avans University for Applied Sciences in Breda. In 2013, Somsen was appointed full professor at VU heading the Division of BioAnalytical Chemistry. He is (co-)author of more than 130 papers and made significant contributions to the development, optimization and application of CE and CE-MS techniques in (bio)pharmaceutical and biomedical analysis.

At the end of the course

You will be able to understand and explain the basics of Capillary Electrophoresis, its application and its position among other separation techniques.

Course duration and time investment

Course duration:	1 day from 10:00 till 17:00
Company time:	0 hours (as this course is on a Saturday)
Participant's investment:	1 day + optional self-study

Extra Information

This course is part of the Saturday's program of ASTP 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**Separation Methods: Capillary Electrophoresis**
8 April 2017, 10:00-17:00
HAN, Laan van Scheut 2, Nijmegen

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

Payment

- I will pay the full course fee of €800 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