

28-29
OCT

PHYTOPLANKTON PIGMENT ANALYSIS COURSE 2015



PHYTOPLANKTON PIGMENT ANALYSIS COURSE IN SINGAPORE



We are pleased to invite you to attend our two-day, 5th phytoplankton pigment course. In 2015 the course will take place in Singapore.

The course is dedicated to bringing people engaged in analysing phytoplankton pigments together.

The course features numerous opportunities for exchanging ideas, improving your knowledge and broadening your skills within high performance liquid chromatography (HPLC) pigment analysis.

This course is organised by DHI Lab Products and you are able to discuss and share experiences with fellow other phytoplankton pigment analysts in an informal forum.

HIGHLIGHTS

- Introduction to all aspects of phytoplankton pigment analysis by HPLC
- Meet with other pigment analysts
- Excellent networking opportunities

KEY DATES

- Registration before 31 August 2015
- Course dates: 28-29 October 2015

REGISTRATION

Please register for the phytoplankton pigment course 2015 by email to: c14@dhigroup.com

A minimum of participants is required for the course to proceed. DHI reserves the right to reschedule up to 8 weeks prior to the course.

TOPICS

PHYTOPLANKTON PIGMENT ANALYSIS COURSE

- Filtrating and extracting samples
- Choice of HPLC method
- HPLC/UHPLC systems and what is important for the analyses
- Defining the analysis protocol needed and getting the HPLC method running
- Calibration procedures
- Quality control and quality assurance
- Example of an accreditation at DHI
- Reporting results
- Distribution of different pigments in different phytoplankton groups
- Applications: Calculating phytoplankton biomasses using CHEMTAX
- Demonstrations
- Course participants' own examples, challenges, problems and discussions
- Any other issues you may want to raise!

PROGRAMME

Programme 28 October 2015 (day 1)

10:00	Welcome to DHI (tea and coffee) / General information and introduction
10:15	Getting started: HPLC/UHPLC systems and what is important for the analyses
10:45	Defining the analysis protocol needed and getting the method running
11:15	Things to adjust if the HPLC does not separate the expected peaks
11:45	Lunch
12:30	Quality assurance (Introduction to QA: Validation, precision, accuracy etc.)
13:30	Example of an accreditation at DHI
14:00	Calibration procedures
14:30	Tea & coffee break
15:00	Things to consider when analysing samples
16:00	Demonstrations
17:00	End of day 1

Programme 29 October 2015 (day 2)

8:45	Tea & coffee
9:00	Things to consider when analysing samples (continued from yesterday)
10:00	Exercise
11:00	Transfer methods from HPLC to UHPLC
11:30	Reporting results
12:00	Lunch
12:45	Applications: calculating phytoplankton biomasses; using CHEMTAX
13:15	Distribution of different pigments in different phytoplankton groups
13:45	Workshop participants own examples, challenges, problems and discussions
15:00	Evaluation
15:30	End of workshop

FACILITATORS

Louise Schlüter
MSc, PhD, Senior Biologist
DHI LAB products

Merete Allerup
Lab Technician
DHI LAB products



COURSE FEES

Price EUR 650

The price includes lunch, coffee and tea, as well as a collection of slides and a certificate of participation. Accommodation is not included.

LOCATION

DHI Singapore
1 Cleantech Loop
#03-05 CleanTech One
Singapore 637141



FOR MORE INFORMATION

DHI Lab Products
c14@dhigroup.com
www.labproducts.dhigroup.com

THE ACADEMY BY DHI

THE ACADEMY offers a palette of courses and capacity building packages designed to fit your needs and challenges. Our training courses are offered as standard and/or as tailored training.

MIKE by DHI courses focus on practical skills, hands-on exercises and on teaching you how to get the most out of your software.

Thematic courses allow you to apply concepts, applications and decision support principles to the entire business process within current areas such as aquaculture & agriculture, energy, climate change, flooding, coast & marine, surface & groundwater, urban water, industry, environment & ecosystems, product safety & environmental risk, etc.

MIKE CUSTOMISED by DHI courses enable you to understand the power of the MIKE CUSTOMISED tools for building decision support systems.

Our trainers are experienced professionals, many of whom are recognised international experts in their fields. The consistent use of highly skilled trainers guarantees the quality of THE ACADEMY courses.

DHI

Agern Allé 5
DK-2970 Hørsholm
Denmark

+45 4516 9200 Telephone
+45 4516 9292 Telefax

dhi@dhigroup.com
www.dhigroup.com