

## Seminar Invitation

### Introduction

Geomil College is an initiative of Geomil Equipment, the world's first manufacturer of Cone Penetration Testing (CPT) equipment. Geomil has a long tradition of educating people in the practical use of CPT equipment and in recent years this has been through our hugely popular two-day seminars.

### Participants

The CPT seminar is suitable for individuals with a professional interest in CPT. Even though the focus is on Geomil's CPT equipment, it has proven to be extremely useful for anyone involved in the CPT industry.

### Objectives

The objective of the seminar is to provide the participant with a key understanding of CPT, including background on the theory behind CPT testing as well as the data obtained. This interactive seminar will cover the history, the basics, the variety of machinery, the applications and hands-on practical use of CPT equipment.

### Certification

Seminar participants are awarded a Geomil College Certificate of Attendance upon completion of the course.

### Dates and location

New courses are communicated throughout the year on our website page: <https://www.geomil.com/news-events>

### Additional information

- To ensure each attendee receives the full benefit, the number of participants is limited to 8 persons
- Coffee, tea and lunch both days and dinner on the first evening are included
- The cost for this two-day seminar is EUR 900 per participant
- Hotel reservations can be arranged through Geomil at favourable rates
- Closing date are usually a few weeks in advance of the course
- To guarantee your seat, payment is to be made within 7 days of registration
- Course material is in English and provided to all participants in hardcopy

### Cancellation policy

Due to popular demand for the course a cancellation policy applies as follows:

- > 1 month before the seminar: 50% refund
- < 1 month before the seminar: no refund

Upon request, we can also organize a seminar at your preferred location, wherever in the world!

For more detailed information or to register please contact [info@geomil.com](mailto:info@geomil.com) or call us at +31 172 427 800

# CPT Seminar Programme

## DAY 1

|               |  |
|---------------|--|
| 08:30 – 08:45 | Welcome  |
| 08:45 – 10:00 | Introduction to the technology; why using CPT? <ul style="list-style-type: none"><li>▪ Ground Investigation (GI)</li><li>▪ History and further development</li><li>▪ Working principle and terminology</li><li>▪ Advantages and limitations of the CPT</li></ul>       |
| 10:30 – 12:30 | Operations and applications <ul style="list-style-type: none"><li>▪ Typical projects and applications</li><li>▪ Operational considerations; possibilities and constraints of various systems</li><li>▪ Overview of onshore, nearshore and offshore solutions</li></ul> |
| 13:30 – 14:30 | Field test <ul style="list-style-type: none"><li>▪ Practical test showing pre- and post-testing routines</li><li>▪ Handling, tips and tricks, error reduction</li></ul>  |
| 15:00 – 17:00 | Measuring equipment <ul style="list-style-type: none"><li>▪ Cone working principle, sensor technology and cone selection</li><li>▪ Data acquisition process, software and file formats</li></ul>   |
| 17:00 – 17:30 | Closure with refreshments  |
| 18:00         | Dinner   |

## DAY 2

|               |   |
|---------------|---|
| 08:30 – 09:30 | Operational procedures <ul style="list-style-type: none"><li>▪ Standard procedures</li><li>▪ Sources of error and warning signs</li></ul>   |
| 10:00 – 11:30 | Use of CPT data in geotechnical practice <ul style="list-style-type: none"><li>▪ What is the geotechnical engineer after?</li><li>▪ How is the data applied?</li></ul>  |
| 11:30 – 12:30 | Data processing and interpretation of data <ul style="list-style-type: none"><li>▪ Measured and derived parameters</li><li>▪ Processing software</li><li>▪ Interpretation</li></ul>                               |
| 13:30 – 14:00 | Standards <ul style="list-style-type: none"><li>▪ Current standards</li><li>▪ Application classes</li></ul>   |
| 14:00 – 15:30 | Guided tour through Geomil facilities <ul style="list-style-type: none"><li>▪ Production processes</li><li>▪ Servicing and calibration of cones and data acquisition systems</li></ul>                            |
| 16:00 – 17:00 | Special measurements, add-on sensors and developments <ul style="list-style-type: none"><li>▪ Overview of additional tooling and parameters</li><li>▪ Brief overview of current and future developments</li></ul> |

*Coffee, tea and lunch is provided between the sessions*