



## Nordic Geotechnical Meeting - NGM 2012 9th -12th May 2012, Tivoli Congress Center, Copenhagen, Denmark

### INVITATION

On behalf of the Danish Geotechnical Society it is a pleasure to invite you to attend the Nordic Geotechnical Meeting (NGM) in Copenhagen 9th – 12th of May 2012. This conference will be the 16th NGM where the last was held in Sandefjord in Norway, 2008.

The aim of the conference is to strengthen the relationships between practicing engineers, researchers, and scientists in the Nordic region within the fields of geotechnics and engineering geology. All are invited to share their experience and knowledge with their Nordic colleagues.

The conference is held at Tivoli Congress Center in the centre of Copenhagen, Denmark.

We welcome accompanying persons to the conference, a separate day programme will not be present but information on activities in Copenhagen will be available.

Come and attend NGM 2012 - an outstanding opportunity to meet colleagues, competitors and friends in wonderful Copenhagen.

### THE SCIENTIFIC PROGRAMME

We have received approx. 140 abstracts, and we hope to receive the same amount of papers. The deadline for submission of papers has been extended to 19th of December 2011, 12:00 GMT.

The conference will include invited speakers and presentation of submitted papers all divided into sessions.

### INVITED SPEAKERS

We are very happy to introduce two internationally keynote speakers.

**Professor Dr. Paul W. Mayne** is an international researcher with focus on in-situ testing, geotechnical site characterization, and the evaluation of soil & rock properties. He is currently professor at the Georgia Institute of Technology, US, and serves as chair of the international committee on in-situ testing: [www.webforum.com/tc16](http://www.webforum.com/tc16). His keynote has the title: *“Geotechnical site investigation in the year 2012”*.

**Dr. Brian Simpson** is a director of Ove Arup & Partners Ltd, a principal of Arup Geotechnics, and a Honorary Professor at the University of Nottingham, UK. He is the current chair of ISSMGE Technical Committee TC205 on Safety and serviceability in geotechnical engineering: His keynote has the title: *“Eurocode 7 – fundamental issues and some implications for users”*.

For further information about the keynote speakers and their keynotes please look at [www.ngm2012.dk](http://www.ngm2012.dk).

### PRESENTATION OF PAPERS

Many of the accepted papers submitted to the conference will be presented during the sessions. All presentations, including powerpoint and speech, will be in English.

### The main themes for the conference and the papers are:

1. Site investigations and laboratory testing
2. Design parameters and modelling
3. Shallow and deep foundations
4. Deep excavations and retaining structures
5. Tunnelling and underground structures
6. Slope stability and landslides
7. Infrastructure projects
8. Ground improvement
9. Environmental geotechnics

The themes will be organized in sessions.

All accepted papers will be published in the Conference Proceedings, and in addition the papers will be available on an electronic media. Both the written proceedings and the electronic versions are included in the registration fee, and they will be handed out at the registration desk.



## Nordic Geotechnical Meeting - NGM 2012

### PROGRAMME (preliminary)

#### Wednesday 9th of May

17.00 - 20.00	Registration at Tivoli Congress Center
18.00 -	Welcome reception at Copenhagen City Hall (including buffet and beverage)
20.00 - 22.00	Visit to the Tivoli Gardens
22.00	Tivoli Gardens closes

#### Thursday 10th of May

08.00 -	Registration at Tivoli Congress Center
09.00 - 09.15	Opening ceremony
09.15 - 10.30	Keynote speaker
10.30 - 11.10	Coffee break. Exhibitions will be open
11.10 - 12.30	Sessions (4x20 min)
12.30 - 13.30	Lunch
13.30 - 15.10	Sessions (5x20 min)
15.10 - 15.40	Coffee break
15.40 - 17.00	Sessions (4x20 min)
18.30	Departure with bus to the "Get together Event"
18.30 - 19.00	Bus ride and sandwich
19.00 - 20.45	The "Get together Event" - Frilandsmuseet
20.45 - 22.30	Dinner
22.30 - 23.00	Return to Tivoli Congress Center by bus

#### Friday 11th of May

08.30 - 08.45	Follow up from Thursday and general information
08.45 - 10.00	Keynote speaker
10.00 - 10.30	Coffee break
10.30 - 12.30	Sessions (6x20 min)
12.30 - 13.30	Lunch
13.30 - 15.10	Sessions (5x20 min)
15.10 - 15.40	Coffee break
16.00 -	Exhibitions will close down
15.40 - 17.00	Sessions (4x20 min)
18.30 -	Departure with boat from Marriott Hotel
18.30 - 19.20	Boat trip
19.30 - 00.30	Banquet, Langelinie Paviljonen
00.30 - 01.00	Return to Tivoli Congress Center by bus

#### Saturday 12th of May

09.00 - 10.00	Information before the technical visit The information will be given at the IDA house. The IDA house is placed very close to Tivoli Congress Center
10.00 -	Departure for technical visit Metro City Circle Line
14.00	Latest return to Tivoli Congress Center

### EXHIBITIONS

Exhibitions will be held in the foyer of Tivoli Congress Center offering an opportunity for organizations and companies to present their products and services. More detail about the exhibition can be found at [www.ngm2012.dk](http://www.ngm2012.dk).

### LOCATION, ACCOMODATION AND JOURNEY

#### Conference location

Tivoli Congress Center is located in downtown Copenhagen, close to Tivoli, the Town Hall, the row of shopping streets and the harbour of Copenhagen.

#### Hotels

The "Wakeup hotel" and the "Tivoli hotel" are situated close to Tivoli Congress Center. Special reduced rates can be obtained when booking by [www.ngm2012.dk](http://www.ngm2012.dk). The reduced rates will be:

#### Wakeup Copenhagen

Single per night per room	DKK 700
Double per night per room	DKK 800

#### Tivoli hotel

Single per night per room	DKK 1,420
Double per night per room	DKK 1,620

#### How to get here

The Congress Center is approximately 10 min walk from the Central Station and 12 km from Copenhagen Airport. Please notice that SAS is chosen to be the official airline partner, which will give you up to 10 % reduction on the flight ticket. To obtain this, please see the conference homepage for further information.

Book your SAS flight  
online



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### PROGRAMME - SOCIAL EVENTS

#### Welcome reception

A welcome reception will be held Wednesday at Copenhagen City Hall where the famous "rådhuspandekager" (Town Hall Pancakes) will be served as a part of a standing, Danish buffet.

Afterwards there will be free entrance to the amusement park Tivoli Gardens.

#### Get together event

The get together event Thursday evening is held north of Copenhagen at the Frilandsmuseet (Open Air Museum). In the historic environments we compete in various historical disciplines to become the winning team. The evening will end with dinner. Transportation from and to Tivoli Congress Center, sandwiches in the bus before the arrangement, dinner and drinks will be included.

#### Banquet

The banquet will be held on Friday evening at the Langelinie Pavillion just beside the harbour of Copenhagen. Tourboats will bring you from Tivoli Congress Center to Langelinie Pavillionen, and a bus will at the end of the evening bring you back. The evening will be a mix of Danish Cuisine and entertainment. Drinks (excl. alcohol) will be included.

#### Technical visit

The 16th NGM will end with a technical visit on Saturday morning at the new Metro City Circle Line (Cityringen) which is under planning and construction in Copenhagen.

The visit will be a mixture of 1-2 lectures followed by a visit on 1-2 construction sites in Copenhagen. Lunch bags included.

Cityringen is a completely new Metro line with 17 underground stations in Copenhagen constructed according to the same principles as the existing Copenhagen Metro net. The Cityringen line will be a 15 km underground railway under the downtown Copenhagen, the "bridge quarters", and Frederiksberg opening 2019.

Stations and shafts will be constructed as top down pits within retaining walls performed either as secant pile- or diaphragm walls to depths of 20-40 meters below ground level.



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### FEE

#### Registration

Before 20th of February 2012	DKK 5.500,-
After 20th of February 2012	DKK 6.000,-
Students - before 20.02.2012	DKK 2.750,-
Students - after 20.02.2012	DKK 3.000,-

#### Social Events

Welcome reception	DKK 0,-
Get Together Event	DKK 300,-
Banquet Friday	DKK 500,-
Technical Visit	DKK 200,-

### IMPORTANT DATES

<b>19th of December</b>	Extended deadline for submitting papers
<b>27th of January</b>	Authors will receive status letter
<b>20th of February 2012</b>	Deadline for early registration
<b>9th -12th of May 2012</b>	NGM 2012

### ORGANIZING COMMITTEE

Morten Anker Jørgensen, NIRAS  
 Helle Trankjær, COWI  
 Caspar Thrane Leth, COWI  
 Carsten Bonde, GEO  
 Pia Hald Sørensen, Rambøll Danmark

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