2014 STOCKHOLM SWEDEN

International Conference on Piling & Deep Foundations

Global Perspective on Sustainable Execution of Deep Foundation Works

21-23 May 2014

STOCKHOLM SWEDEN

DEEP FOUNDATIONS INSTITUTE DFI

EFFC

www.dfi-effc2014.org

Conference Theme

The European foundation community has spent many years and millions of Euros developing design and execution codes for foundation works. These codes are a remarkable industry contribution that promotes standardization and harmonization of execution procedures throughout Europe. Recognizing the significant resources dedicated to code writing and implementation efforts, this conference will explore the impacts of execution codes on foundation practice.

International foundation industry specialists at the DFI-EFFC International Conference on Piling & Deep Foundations will discuss and debate these questions.

Exciting Video and Online Presentations

- The conference will make use of video technology to showcase the vibrancy and excitement of foundation execution. Attendees will be invited to submit short video presentations that depict innovative foundation works in progress.
- Exhibitor interviews will be played throughout the exhibition that highlight products and services offered.
- Published proceedings papers will be presented as mini-PowerPoint presentations at computer kiosks.

There is no question that execution of foundation construction influences design, however…

What are the benefits and challenges imposed by standardizing practice?

How do the various standards fit within the overall system of delivering foundation works? What is the legal status of the European codes?

How do European execution requirements compare with associated standards in North America and other regions, e.g., India and the Far East?

Which regions and technologies are lacking standards, and in which areas is the industry too late to coordinate works?

How are standards developed and implemented in these regions?

Venue Information:

Stockholmsmässan
Mässvägen 1
Älvsjö, Stockholm, Sweden
www.stockholmsmassan.se

Technical Sessions*

Technical discussions will open with an overview of the background and extent of design and execution codes in Europe, North American and other regions. These discussions will compare and contrast code development processes, content and implementation practices, and explain ongoing code efforts and future needs. Within this overall framework, presentations highlighting execution of the following specific foundation technologies will be offered:

- **Piles:** Driven and Bored (drilled shafts, continuous flight auger piles [augered cast-in-place piles] and micropiles)
- **Deep mixing:** dry and wet techniques
- **Walls:** preformed (sheet piles) and in-situ cast

Presentations selected for the conference will emphasize execution rather than design issues, highlighting field monitoring and quality control, observational methods and lessons learned.

A broad cross section of industry specialists (owners, foundation contractors, engineers, equipment manufacturers and suppliers, authorities and researchers) will participate in panel discussions aimed at discussing and debating the influence of code provisions on sustainable execution of these technologies.

The conference will conclude with the John Mitchell Lecture and a Swedish Heritage Lecture on 23 May 2014.

**technical program subject to change based on technical papers received.*

Call for Abstracts: Technical Papers and Video Presentations

Parties interested in presenting and publishing a paper or presenting a video are invited to submit abstracts to the conference online submission site: **www.dfi-effc2014submissions.org**. Technical paper abstracts should clearly state the purpose and the conclusions of the full paper.

Video presentation abstracts should describe the planning and execution of foundation work on the project site for techniques in the scope of the conference – piles, walls or deep mixing. Final videos are to be 10-15 minutes and in WMV (Windows Media Video) or MPEG-4 format.

The abstract page shall include the title of the paper, authors' name(s), company name(s), postal address, e-mail address, and telephone numbers. The abstract page shall be in English, maximum 1 page A4 (210 mm x 297 mm) with 25 mm margins on all sides. Use Times New Roman, 11 pt.

Overtly commercial and/or promotional papers or videos will not be accepted.

Questions regarding all submissions may be addressed to Erin Groenewal at events@dfi.org.

Exhibitor/Sponsorship Opportunities

The conference will feature an indoor exhibition with over 50 exhibit spaces. Videos of exhibitor interviews filmed during exhibition set-up will be displayed throughout the exhibition, offering exhibitors an opportunity to describe products and services offered.

Various sponsorship packages are available which include recognition on pre-conference promotional materials, additional attendee discounts, exhibit space and recognition at the conference and/or the awards banquet.

More information including an exhibit layout and sponsorship options are available at www.dfi-effc2014.org.

Submission Deadlines:

Abstracts
~~**May 27, 2013**~~
Extended to June 12, 2013

Draft Papers
September 27, 2013

Confirmation from Accepted Authors
November 8, 2013

Final Papers/Video Presentations
February 14, 2014

Speaker Bio/Release Forms
March 21, 2014

Final PowerPoint Presentation Files
April 21, 2014

Field Excursion*

The most exciting part of foundation execution is actually seeing work in progress. Plans are being made to visit several sites on Day Two, including a submerged tunnel supported by driven piles as well as other geotechnical sites of interest.

**subject to change based on site availability.*

Social Programme

Planned social activities include a Networking Welcome Reception in the exhibit hall on Day One, a Conference Banquet and Awards Presentation in the city centre on Day Two, and a Companions' Program featuring a tour of the scenic and historic sites of Stockholm.

Organizing Committee:

Conference Chair – Sikko Doornbos, Terracon International B.V.
Conference Manager – Theresa Rappaport, Deep Foundations Institute
Local Coordinator – Håkan Garin, GeoVerkstan
EFFC Liaison – Maurice Bottiau, Franki Foundations Belgium
DFI Europe Liaison – Henk de Koning, DFI Europe
TC Liaison – K. Rainer Massarsch, Geo Risk & Vibration Scandinavia AB

Technical Committee:

Co-chairs – K. Rainer Massarsch, Geo Risk & Vibration Scandinavia AB and Stefan Aronsson, ÅF Infrastructure
DFI Liaison – Mary Ellen Bruce, Deep Foundations Institute
EFFC Liaison – Maurice Bottiau, Franki Foundations Belgium

Conference Management

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More information is available at www.dfi-effc2014.org