

The XVII European Conference on Soil Mechanics and Geotechnical Engineering

TC205 Workshop

Date: September, 1st, 2019

Location: Reykjavik, Iceland

Time: 8 AM – 12 PM

8:00-8:10 AM:

Welcoming Remarks

Rodrigo Salgado, Purdue University

Keynote Lectures

Moderator: Dimitrios Loukidis, University of Cyprus

8:10-8:45 AM:

Introducing the Second Generation of Eurocode

Andrew Bond, Geocentrix

8:45-9:20 AM:

Limit state verification by numerical methods in the revised Eurocode 7

Andrew Lees, Geofem and Tensar International

9:20-9:55 AM:

Some examples of lifecycle assessment of geotechnical structures using numerical analysis

David Potts, Imperial College London

9:55-10:10 AM: break

Technical Session

Moderator: Fei Han, Purdue University

10:10-10:25 AM:

Limit state design of piles under combined loading

Kerstin Lesny, HafenCity University Hamburg

10:25-10:40 AM:

Reliability based design on pile foundations in Japan

Takashi Hara, University of Toyama

10:40-10:55 AM:

Ultimate limit state design using FEM and advanced soil models – comparison of the design of 30m deep excavations

Hoe Yeow, COWI UK Ltd

10:55-11:10 AM:

Calibration and assessment of reliability-based serviceability limit state procedures for foundation engineering

Armin W. Stuedlein, Oregon State University

11:10-11:25 AM:

Determination of characteristic values for non-linear shear strength and for SLS calculations

Jose Estaire Gepp, Laboratorio de Geotecnia – CEDEX

11:25 AM-12:00 PM:

Discussion

Chair: Rodrigo Salgado, Purdue University

Invited discussor: Dimitrios Loukidis, University of Cyprus