**NAG**2018









# NUMERICAL ANALYSIS IN GEOTECHNICS

PHƯƠNG PHÁP SỐ TRONG ĐIA KỸ THUẬT

Ho Chi Minh City, 22<sup>nd</sup> March 2018

# **CALL FOR PAPERS**

NAG2018 International Seminar, 22 March 2018, Ho Chi Minh City, Vietnam Numerical Analysis in Geotechnics

## **ORGANIZED BY**

Vietnamese Society for Soil Mechanics & Geotechnical Engineering (VSSMGE), Vietnam Ho Chi Minh City University of Technology (HCMUT), Ho Chi Minh City, Vietnam National Taiwan University of Science and Technology (NTUST), Taiwan

## **INTRODUCTION**

The Vietnamese Society for Soil Mechanics and Geotechnical Engineering (VSSMGE), the Ho Chi Minh City University of Technology (HCMUT) and the National Taiwan Univ of Science and Technology (NTUST) will organize the one-day seminar on Numerical Analysis in Geotechnics (NAG2018), on 22<sup>nd</sup> March 2018, in Ho Chi Minh City. A half-day study tour to HCMC Urban Railway Construction Project – Line 1 (Ben Thanh-Suoi Tien Section) will be held on the next day, 23<sup>rd</sup> March 2017. This is the second time the international seminar NAG is organized in Vietnam. The first event NAG2015 was held on 20 August 2015 in Hanoi, with more than 120 attendees from seven countries and territories, including Singapore, Thailand, Taiwan, Canada, France, China and Vietnam.

Continuing the success of the first event, NAG2018 will create a forum, where the users of different numerical methods/computer codes can exchange their experience and knowledge relating to the use of numerical methods in geotechnical engineering, including engineering applications and scientific achievements.

# **ORGANISING COMMITTEE**

**Chairman:** Phung Duc Long, VSSMGE, Hanoi, Vietnam

**Co-chairman:** Chang-Yu Ou, National Taiwan Univ of Science and Technology, Taiwan

**Vice-Chairman:** Pham Van Long, VSSMGE-South, HCMC, Vietnam **Vice-Chairman:** Nguyen Minh Tam, HCMUT, HCMC, Vietnam

# **Members:**

Nguyen Anh Dung, VSSMGE, Hanoi, Vietnam

Doan The Tuong, VGI, Hanoi, Vietnam

Phien-wej Noppadol, AIT, Thailand

William Chaeng, Plaxis Asiapac, Singapore

Le Thiet Trung, NUCE, Vietnam Pham Nhu Huy, CDC, Vietnam

Nguyen Thi Tuyet Trinh, University of Transport and Communication, Hanoi, Vietnam

Than Duc Quoc Viet, SGCC, HCMC

Le Hong Quang, Keller Vietnam, HCMC, Vietnam

Pham Huu Duy Quoc, Shimizu Vietnam, HCMC, Vietnam

Tran Thi Thanh, SIWRR, HCMC, Vietnam

Nguyen Ke Tuong, Ton Duc Thang University, HCMC, Vietnam

Bach Vu Hoang Lan, HCMC University of Architecture (HCMUA), HCMC, Vietnam

## **SECRETARIAT**

Bach Vu Hoang Lan, HCMC University of Architecture (HCMUA), Chief Secretary Truong Quang Thanh, HCMUA Tran Dong Kiem Lam, HCMUA Tran Thai Minh Chanh, HCMUT

#### **IMPORTANT DATES**

20<sup>th</sup> September 2017

Start submission of abstracts

20<sup>th</sup> November 2017

Deadline for submitting abstracts

Notification of accepted abstracts

05<sup>th</sup> February 2018 Deadline for submitting full paper/presentation

1<sup>st</sup> Jan-1<sup>st</sup> March 2018 Registration

#### CALL FOR PAPERS

Engineers, researchers, teachers and other professionals are invited to submit papers or/and presentations dealing with one or more of the conference topics. Numerical applications for well-documented case histories or connected to design experience, are encouraged. The contributions can be in form of papers or PPT presentations, written in English. Abstracts and full papers are sent to <a href="mag2018secretariat@gmail.com">mag2018secretariat@gmail.com</a>. The seminar proceeding will be made in a CD-ROM. Valued papers are accepted to be published in the Vietnamese Geotechnical Journal (VGJ).

#### **CONFERENCE THEMES**

The seminar covers applications of numerical methods in geotechnical engineering. Topics include: constitutive modeling, computer codes and algorithms, parameter determination in field and laboratory tests, ground improvement and reinforcement, embankments and slopes, shallow and

deep foundations, deep excavations and retaining walls, tunnels, infrastructure, groundwater flow and coupled analysis, dynamic applications, offshore applications, etc.

## **OFFICIAL LANGUAGE**

The conference official language will be English.

#### SITE VISIT

A visit to a construction site of the current metro project in HCMC, where the tunnel is installed by TBM, will be arranged on 23rd March 2017, i.e. the day after the seminar. The chosen site is a part of the Ho Chi Minh City Urban Railway Construction Project - Line 1 (Ben Thanh - Suoi Tien Section), Package Cp1b (Construction of 2 underground stations and shield tunnel). Due to the limit of the visiting team size, restricted by the site contractor, only the attendees who early registrate to the seminar can join the visit.

## **REGISTRATION & FEE**

Registration should be made by sending form to the conference secretary before 1<sup>st</sup> March 2018.

Early registration (before 1<sup>st</sup> February 2018) 80 USD
Normal registration (after 1<sup>st</sup> February 2018) 100 USD
For AUTHORS of accepted papers 50 USD
For VSSMGE members 400,000 VND

The fee can be transferred to the VSSMGE account:

Account name: Hoi Co hoc dat va Dia ky thuat cong trinh Vietnam Address: 37 Le Dai Hanh St., Hai Ba Trung District, Hanoi, Vietnam

Account number: 10201 000219865 3

SWIFT code: ICBVVNVX

Bank name: Ngan hang TMCP Cong thuong Vietnam, Chi nhanh Hai Ba Trung (VietinBank)

Address of the bank: 285 Tran Khat Chan St., Hai Ba Trung District, Hanoi, Vietnam

Transfer note content: Attendee Name - NAG2018

The fee covers lunch and coffee break, as well as the seminar proceeding in CDROM. Please register by filling the enclosed form and mailing it to the seminar secretariat to the address: nag2018secretariat@gmail.com.

## **EXHIBITION, SPONSOR AND SUPPORT**

Registration should be made by sending form to the seminar secretariat with mail address: <a href="mailto:nag2018secretariat@gmail.com">nag2018secretariat@gmail.com</a> before 1<sup>st</sup> August 2015. Further details can also be checked with the seminar secretariat.

## **SEMINAR VENUE**

The seminar will be held at the Conference Hall 110B6 (or Hall "Hòa Bình"), Building B6, the Faculty of Civil Engineering, Ho Chi Minh City University of Technology (HCMUT), 268 Ly Thuong Kiet Street, District 10, Ho Chi Minh City, Vietnam.

# **ACCOMMODATION**

Hotel reservations should be made directly by the participants. For more detailed information on hotels in Hanoi, please contact the Seminar Secretary.

# **CONTACT**

In order to further information on the seminar, please contact with the seminar secretariat by mail, <a href="mag2018secretariat@gmail.com">nag2018secretariat@gmail.com</a>, or with the seminar chief secretary, Ms. Bach Vu Hoang Lan, +84 (0) 903696740.