

## Information

- Organisers:** ARCADIS CZ a.s. division Geotechnika, Geologická 4, Prague 5, Czech Republic  
tel.: +420 234 654 101, e-mail: michaela.frombergerova@arcadis.com
- Czech and Slovak Society for Soil Mechanics and Geotechnical Engineering, FCE CTU Prague, Department of Geotechnics, Thákurova 7, 166 29 Prague 6, Czech Republic  
tel.: +420 221 951 552, e-mail: masin@natur.cuni.cz
- Under auspices of:** Institute of Theoretical and Applied Mechanics, Czech Academy of Sciences
- Organising committee:** Chairman: Ing. Zdeněk Sekyra  
Members: Ing. Jan Boháč, CSc., Doc. Ing. Jana Frankovská, Ph.D., Ing. Michaela Frombergerová, Doc. RNDr. David Mašín, Ph.D., Doc. Ing. Alexandr Rozsypal, CSc.
- Registration fee:** There is no registration fee for early registration, costs are covered by the organisers.  
Late registration fee (after 22. 4. 2016) is EUR 20 (550,- Kč).  
Monday 9 May Conference Dinner is subject to a fee of EUR 65 (1790,- Kč). The tickets are available on a first come, first served basis.
- Lunch:** Sandwiches will be provided during the lunch break on Monday 9 May 2016.
- Proceedings:** Participants will obtain a printed copy of selected contributions.
- Registration:** Registration of participants is required.  
Filled-in registration forms should be sent to:  
M. Frombergerová, e-mail: michaela.frombergerova@arcadis.com  
**Deadline for early registration 22. 4. 2016.**  
Late registration is accepted, subject to the late registration fee.
- Payment:** Payment (if relevant) should be made by bank transfer; details are specified in the registration form.
- Commercial exhibition:** In the form of brochures, own panels (posters) or exhibits in Hall No. 205 – only on Monday 9 May 2016 from 8 am to 5.30 pm.  
More details on the exhibition are enclosed with the invitation in the Presentation Registration Form.
- Organising information:** Doc. RNDr. David Mašín, Ph.D., tel.: +420 221 951 552  
e-mail: masin@natur.cuni.cz

Cover photo by Prof. C.W.W. Ng, HKUST

# PRAGUE GEOTECHNICAL DAYS 2016

## 24<sup>th</sup> PRAGUE GEOTECHNICAL LECTURE

Organisers:



**ARCADIS CZ a.s.**  
**division Geotechnika**



**Czech and Slovak Society  
for Soil Mechanics and  
Geotechnical Engineering**

under the auspices of the Institute of Theoretical and Applied Mechanics  
of the Czech Academy of Sciences

## 9–10 May 2016

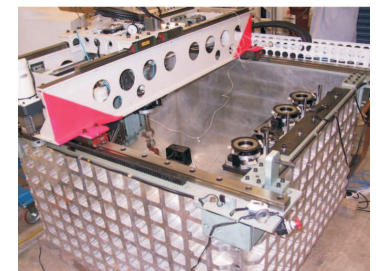
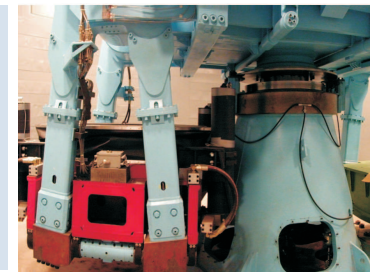
Czech Academy of Sciences  
Národní třída 3, Prague 1  
Czech Republic

Scientific committee:

Ing. Jan Boháč, CSc., PřF UK Praha  
Doc. RNDr. David Mašín, Ph.D., PřF UK Praha

This event with international participation is part of the ČKAIT (the Czech Chamber of Chartered Engineers and Technicians Engaged in Construction) continuing professional education project and is worth **two credit points**.

Commercial exhibition will accompany the event.



# PRAGUE GEOTECHNICAL DAYS 2016

**Monday, 9 May 2016**

## MORNING PROGRAMME

- 8:30 – 9:00 Registration, commercial exhibition  
 9:00 – 9:15 Opening address  
*Ing. Zdeněk Sekyra, ARCADIS CZ a.s., division Geotechnika*  
*Doc. Ing. Jana Frankovská, Ph.D., CSSSMGE*

### INVITED LECTURES:

#### Physical Modelling for Geotechnical Practice

- 9:15 – 9:45 **The Imperative of Physical Modelling for Geotechnical Education, Science and Practice**  
*Dr. Wolfgang Felling, University of Innsbruck, Austria*
- 9:45 – 10:15 **Centrifuge and Numerical Modelling of an Embankment on a Lumpy Clay Fill**  
*Dr. Jan Najser, ARCADIS CZ a.s., division Geotechnika, Prague, Czech Republic*
- 10:15 – 10:45 **The Centrifuge Revolution: Geotechnical Engineering in a Spin**  
*Prof. Neil Taylor, City University, London, UK*
- 10:45 – 11:15 **Coffee break, refreshment**
- 11:15 – 11:45 **Recent Advances in Geotechnical Centrifuge Modelling**  
*Prof. Charles W. W. Ng, Hong-Kong University of Science and Technology, Hong-Kong*
- 11:45 – 12:15 **Navigating the Pitfalls of Physical Modelling**  
*Dr. Jelke Dijkstra, Chalmers University of Technology, Gothenburg, Sweden*
- 12:15 – 12:45 **The Use of Physical Models in the Research of Safe Isolation of Spent Nuclear Fuel**  
*Prof. Jaroslav Pacovský, Czech Technical University, Prague, Czech Republic*
- 12:45 – 13:45 **Lunch break**

## AFTERNOON PROGRAMME

- 13:45 – 14:45 General discussion  
 14:45 – 14:55 Quido Záruba Prize ceremony  
 14:55 – 15:15 Presentation of Quido Záruba Prize winner  
 15:15 – 15:30 **Break**

15:30 – 17:00

### 24<sup>th</sup> PRAGUE GEOTECHNICAL LECTURE

#### Critical States of Soil and Geotechnical Centrifuge Tests

*Prof. Andrew N. Schofield, University of Cambridge, UK*

18:30 **Conference Dinner**

**Tuesday, 10 May 2016**

### WORKSHOP:

#### Physical Modelling for Geotechnical Practice

*Chaired by Prof. Neil Taylor*

- 9:00 – 9:10 Workshop introduction – Prof. Neil Taylor  
 9:10 – 10:20 Panel presentations followed by general discussion  
 10:20 – 10:50 **Coffee break**  
 10:50 – 12:00 Participant presentations followed by general discussion  
 12:00 – 12:15 Summary and closing address of PGD 2016

*Programme subject to change*