

## Information

- Organisers:** SG Geotechnika a.s., Geologická 4, Prague 5, Czech Republic  
tel.: +420 725 045 270, e-mail: sarka.dvorakova@geotechnika.cz  
Charles University, Faculty of Science, Albertov 6, 128 43 Prague 2  
Czech and Slovak Society for Soil Mechanics and Geotechnical Engineering, FCE CTU Prague, Department of Geotechnics
- 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. RNDr. David Mašín, Ph.D.,  
Prof. Ing. Jana Frankovská, Ph.D., Mgr. Šárka Dvořáková,  
Doc. Ing. Alexandr Rozsypal, CSc.
- Registration fee:** Registration fee for early registration is 1500,-CZK (58 EUR)  
(Members of ČKAIT 1300,-CZK, 50 EUR)  
Late registration fee (after 30. 4. 2019) is 2000,- CZK (77 EUR).  
Monday 13 May Conference Dinner is subject to a fee of EUR 65 (1690,- CZK). The tickets are available on a first come, first served basis.
- Lunch:** Sandwiches will be provided during the lunch break on Monday 13 May 2019
- Proceedings:** Participants will obtain printed proceedings.
- Registration:** **Registration of participants is required on:**  
[www.geotechnika.cz/formular](http://www.geotechnika.cz/formular)  
(Alternatively filled-in registration forms should be sent to:  
Mgr. Šárka Dvořáková, e-mail: sarka.dvorakova@geotechnika.cz)  
**Deadline for early registration 30. 4. 2019.**  
Late registration is accepted, subject to the late registration fee.
- Payment:** Payment should be made by bank transfer; details are specified in the registration form.
- Commercial exhibition:** In the form of brochures, self-arranged posters or exhibition in Hall No. 205 – only on Monday 13 May 2019 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

# PRAGUE GEOTECHNICAL DAYS 2019

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

Organisers:



SG Geotechnika a.s.



Charles University  
Faculty of Science



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

## 13 and 14 May 2019

Czech Academy of Sciences

Národní třída 3, Prague 1

and

Charles University, Faculty of Science

Albertov 6, Prague 2

Scientific committee:

Ing. Jan Boháč, CSc., Doc. RNDr. David Mašín, Ph.D.  
Charles University, Prague

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 2019

**Monday, 13 May 2019**

Czech Academy of Sciences, Národní třída 3, Prague 1

8:30 – 9:00 Registration, commercial exhibition

9:00 – 9:15 Opening address

*Ing. Zdeněk Sekyra, SG Geotechnika a.s.*

*Prof. Jana Frankovská, CSSSMGE*

## INVITED LECTURES:

### Geotechnical Design for Potentially Unstable Ground

9:15 – 9:50 **Landslide Influence Zone - A Hidden Hazard**

*Prof. Dr. Alexander M. Puzrin, ETH Zurich, Switzerland*

9:50 – 10:25 **Slope Stabilization and Foundation Design on Unstable Ground at the Caribbean Coast**

*Ing. William Fuentes, MSc., PhD., University del Norte, Colombia*

10:25 – 11:00 **Comprehensive Approach to the Numerical Simulation of Potentially Unstable Slopes**

*Assoc. Prof. Eva Hruběšová, Assoc. Prof. Pavel Pospíšil, Prof.*

*Naďa Rapantová, Dr. Lukáš Ďuriš, Technical University of*

*Ostrava, Czechia*

11:00 – 11:30 Coffee break, refreshment

11:30 – 12:05 **Advantages of FE Analysis in Limit State Design - Two Case Studies**

*Ass. Prof. Dipl.-Ing. Dr.techn. Franz Tschuchnigg, Graz University*

*of Technology, Austria*

12:05 – 12:40 **Monitoring and Analysis of an Urban Earthflow, and Study of Remedial Measures**

*Prof. Caterina Di Maio, University of Basilicata, Italy*

12:40 – 13:40 Lunch break

13:40 – 14:15 **Macroelement Modelling of Pile Foundations**  
*Prof. Claudio Tamagini, University of Perugia, Italy*

14:15 – 14:50 **Geotechnical Design of Motorway Cuts in Potentially Unstable Ground Areas**

*Prof. Jana Frankovská, STU Bratislava, Slovakia*

14:50 – 14:55 **Quido Záruba Prize Ceremony**

14:55 – 15:10 **Presentation of Quido Záruba Prize Winner**

15:10 – 15:30 Coffee break

15:30 – 17:00

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

**Geotechnics as Solid Basis of Civil and Environmental Engineering - Examples from the Highest High-Rise Buildings of Europe and the World**

*Prof. Dr.-Ing. Rolf Katzenbach  
Germany*

## SPONSORS:



**Tuesday, 14 May 2019**

Charles University, Faculty of Science, Albertov 6, Prague 2

## SEMINAR:

**Workshop on Geotechnical Design for Potentially Unstable Ground**

*Prof. Dr.-Ing. Rolf Katzenbach  
Germany*

9:00 – 9:30 Coffee, refreshment

9:30 – 12:00 Workshop followed by discussion