INTERNATIONAL CONFERENCE

PRAGUE GEOTECHNICAL DAYS 2024

30th JUBILEE PRAGUE GEOTECHNICAL LECTURE

13 - 14 May 2024

Czech Academy of Sciences
Charles University, Faculty of Science

SG GEOTECHNIKA.



CSSISMGE

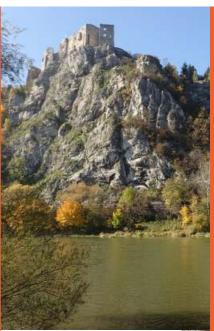
Under the auspices of the Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences.

Scientific committee:

prof. David Mašín prof. Ivo Herle Dr. Gianvito Scaring

This event with international participation is part of 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 2024

Monday, 13 May 2024

| Czech Academy of Sciences, Národní třída 3, Prague 1 | | |
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| 8:30-9:00 | Registration, commercial exhibition | |
| 9:00-9:15 | Opening address Ing. Petr Kučera – Ing. Zdeněk Sekyra, SG Geotechnika prof. Jana Frankovská, CSSSMGE prof. David Mašín, Charles University prof. Stanislav Pospíšil, Czech Academy of Sciences | |
| INVITED LECTURES Geotechnical Monitoring | | |
| 9:15-9:50 | How Can We Specify Quality in Geotechnical Monitoring? Dr. Andrew Ridley, Geotechnical Observations, London, United Kingdom | |
| 9:50-10:25 | In Situ Monitoring of the Evolution of the Frozen Wall Thickness in the Application of Artificial Ground Freezing: Observations and Interpretation prof. Francesca Casini, Tor Vergata University of Rome, Italy | |
| 10:25–11:00 | Distributed Fibre Optic Monitoring of Piles Dr. Loizos Pelecanos, University of Bath, United Kingdom | |
| 11:00-11:30 | Coffee break | |
| 11:30-12:05 | Towards Integrating Advanced Numericals Models with Monitoring Data prof. Minna Karstunen, Chalmers University of Technology, Göteborg, Sweden | |
| 12:05-12:40 | Adding Value to Geotechnical Monitoring with Machine Learning Approaches: TBM Tunnel Excavation as a Case Study prof. Jean-Michael Pereira, Ecole des Ponts ParisTech, France | |
| 12:40-13:40 | Lunch break | |
| 13:40-14:15 | Monitoring Infrastructure Earthworks to Assess their Long-Term | |

Dr. Joel Smethurst, University of Southampton, United Kingdom

Performance

| 14:15–14:50 | Instrumentation, Data Acquisition and Control for a New Geotechnical Laboratory Dr. Sam Stanier, University of Cambridge, United Kingdom |
|-------------|--|
| 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 | 30 th PRAGUE GEOTECHNICAL LECTURE |
| | Liquefaction-Induced Landslides |
| | prof. Eduardo Alonso BarcelonaTech (UPC), Spain |
| | |
| 18:30 | Conference Dinner |

Tuesday, 14 May 2024

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

| 9:00-9:30 | Coffee, refreshment |
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| | |
| 9:30-12:00 | WORKSHOP |
| | Coarse Granular Materials: from Particle Behaviour to Large-Scale Structures |
| | prof. Eduardo Alonso BarcelonaTech (UPC), Spain |

Programme subject to change.

Information

| ORGANISERS | SG Geotechnika a.s., Geologická 4, Prague 5, Czech Republic +420 725 045 270, konference@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 | Institute of Theoretical and Applied Mechanics, Czech Academy of Sciences. |
| | Chairman: Ing. Zdeněk Sekyra |
| ORGANISING COMMITTEE | Members: prof. RNDr. David Mašín, M.Phil., Ph.D. Mgr. Šárka Dvořáková prof. Ing. Jana Frankovská, Ph.D. Mgr. Klára la Torre UnivProf. DrIng. habil. Ivo Herle Dr. Gianvito Scaringi, Ph.D. |
| | Early registration fee: 1.960, - CZK (80 €) |
| REGISTRATION FEE | Members of ČKAIT: 1.600, - CZK (65 €) Late registration fee: 2.450, - CZK (100 €) (after April 28, 2024) |
| | The Monday 13 May 2024 Conference Dinner is subject to a fee of 110 € (2.700, - CZK). The tickets are available on a first come, first served basis. |
| PAYMENT | Payment should be made by bank transfer; details are specified in the Registration Form. |
| LUNCH | Sandwiches will be provided during the lunch break on Monday 13 May 2024. |
| PROCEEDINGS | Participants will obtain printed proceedings. |
| | Registration Form: www.geotechnika.cz/formular |
| REGISTRATION | Alternatively, send an attached hard copy of the Registration Form: Mgr. Šárka Dvořáková, sarka.dvorakova@geotechnika.cz |
| | Deadline for early registration is April 28, 2024 . Late registration is accepted, subject to the late registration fee. |
| COMMERCIAL EXHIBITION | In the form of brochures, self-arranged posters or exhibition in Hall No. 205 – only on Monday 13 May 2024 from 8 am to 5.30 pm. More details about the exhibition will be sent with the invitation. Please see the Company Presentation Application Form. |
| ORGANISING INFORMATION | prof. RNDr. David Mašín, M.Phil., Ph.D., +420 221 951 552, masin@natur.cuni.cz |