

32nd INTERNATIONAL CONFERENCE

PRAGUE GEOTECHNICAL DAYS 2026

GEOTECHNICAL FAILURES

4 – 5 May 2026

Czech Academy of Sciences
Charles University, Faculty of Science

 **SG GEOTECHNIKA.**



Faculty of Science
Charles University

Center and Global Society for Soil Mechanics and Geotechnical Engineering
CSS|SMGE

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 Scaringi

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.



PROGRAMME

Monday, 4 May 2026

Czech Academy of Sciences, Národní třída 3, Prague 1

08:30–09:00 **Registration and Commercial Exhibition**

09:00–09:15 **Opening Address**

Ing. Zdeněk Sekyra – Ing. Petr Kučera, SG Geotechnika
prof. Jana Frankovská, CSS SMGE – prof. David Mašín, Charles University
prof. Stanislav Pospíšil, Czech Academy of Sciences

INVITED LECTURES

Geotechnical Failures

09:15–09:50 **Collapse Due to a Deep Excavation in Groundwater – Failure Analysis and Consequences for Risk Mitigation in Underground Construction**
prof. Christian Moormann, University of Stuttgart, Germany

09:50–10:25 **Lessons Learnt from Excavation Failures of the Czech Tunnels**
prof. Matouš Hilar, Czech Technical University & 3G Consulting Engineers, Prague, Czech Republic

10:25–11:00 **Quay Wall and Retaining Wall Failures in the Netherlands**
Dr. Mandy Korff, TU Delft & Deltares, the Netherlands

11:00–11:30 **Coffee break**

11:30–12:05 **Lessons Learnt from Seismically Induced Liquefaction Case Studies**
Dr. Stavroula Kontoe, University of Patras, Greece

12:05–12:40 **Failures of Breakwaters Due to Tsunamis and Bridges Due to Flood-Induced Scour**
prof. Ioannis Anastasopoulos, ETH, Zurich, Switzerland

12:40–13:40 **Lunch break**

13:40–14:15 **Tailings Dam Failures: Mechanisms and Statistics from Historical Data**
Dr. Luca Piciullo, NGI, Oslo, Norway

14:15–14:50 **Monitoring and Modelling the Progressive Failure of Large Alpine Creeping Rock Slopes**
prof. Federico Agliardi, University of Milan-Bicocca, Italy

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 **32nd PRAGUE GEOTECHNICAL LECTURE**

**Progressive Failure in Soil, Snow and Tailings
– Case Studies and Analytical Solutions**

prof. Alexander Puzrin, ETH, Zurich, Switzerland

18:30 **Conference Dinner**

Tuesday, 5 May 2026

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

09:00–12:00 **WORKSHOP**

Geomechanics of Failures

prof. Alexander Puzrin, ETH, Zurich, Switzerland

08:30–09:00 **Registration, coffee, refreshment**

09:00–10:15 **Workshop – part 1**

10:15–10:45 **Coffee break**

10:45–12:00 **Workshop – part 2**

Programme subject to change.

INFORMATION

Organisers: **SG Geotechnika a.s.**
Geologická 988/4
152 00 Prague 5
+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 the
Auspices:** Institute of Theoretical and Applied Mechanics, Czech Academy of Sciences.

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| Organising Committee: | Chairman: Ing. Zdeněk Sekyra | prof. Ing. Jana Frankovská, Ph.D. Univ.-Prof. Dr.-Ing. habil. Ivo Herle |
| | Members: prof. RNDr. David Mašín, M.Phil., Ph.D. | Mgr. Šárka Dvořáková Mgr. Klára la Torre Dr. Gianvito Scaringi, Ph.D. |

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| Registration Fee: | Early registration fee: 2 500, - CZK (100 €) Members of ČKAIT: 2 000, - CZK (80 €) Late registration fee after 10 April 2026: 3 000, - CZK (120 €) | The Monday 4 May 2026 Conference Dinner is subject to a fee of 110 € (2 700, - CZK). The tickets are available on a first come, first served basis. |
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| Payment | Payment should be made by bank transfer. Details are specified in the Registration Form. |
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| Lunch | Sandwiches will be provided during the lunch break on Monday 4 May 2026. |
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| Proceedings | Participants will obtain printed proceedings. |
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| Registration | Registration Form: www.geotechnika.cz/formular Alternatively, send an attached hard copy of the Registration Form: Mgr. Šárka Dvořáková, Sarka.Dvorakova@geotechnika.cz |
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Deadline for the early registration is 10 April 2026.
Late registration is accepted, subject to the late registration fee.

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| Commercial Exhibition | In the form of brochures, self-arranged posters or exhibition in Hall No. 205 – only on Monday 4 May 2026 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. |
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| Organising Information | prof. RNDr. David Mašín, M.Phil., Ph.D., +420 221 951 552, masin@natur.cuni.cz |
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