



TC-Stabilization Workshop in Prague Final Program

10–12 November 2019 | Prague, Czech Republic | Hotel Grandium Prague

NOVEMBER 10, 2019 SESSION 1 – AFTERNOON

“INTRODUCTION SESSION”

Session Chair: Zikmund Rakowski

1. [The Stabilization - Introduction and Open Questions](#)
Zikmund Rakowski
2. [TC-S Email Meeting Follow-up](#)
Jorge Zornberg

NOVEMBER 11, 2019 SESSION 1 – MORNING

“Base Stabilization: Approaches for Design and Selection of Geosynthetics”

Session Chair: Jorge Zornberg

1. [Relevant Geosynthetic Properties for Base Stabilization](#)
Jorge Zornberg
2. [Base Stabilisation - System Performance NOT Product Features](#)
Ian Fraser
3. [Mechanisms Leading to Base Stabilization using Geosynthetics](#)
Nigel Wrigley

Coffee break – 20 minutes

4. [Geotextiles for Base Stabilization Applications](#)
John Lostumbo
5. [Use of Field Measurements for Design of Stabilized Base Layers](#)
Mark Wayne
6. [Presentations by Workshop Participants](#)
7. [Discussion](#)

TOTAL DURATION: 4 HOURS

COST FOR TC-S WORKSHOP ONLY

EURO 185/attendee – Reflects discounted price for active IGS members. Visit registration page for non-member rate information.

VENUE

All workshop activities will be held at the Hotel Grandium Prague, which has set aside a room block with a discounted rate of EURO 100/night for attendees. Attendees are responsible for making their own accommodation arrangements.

Hotel Grandium Reservation Deadline: 10 October 2019.

[CLICK TO BOOK YOUR ACCOMMODATION](#)

PROMO CODE: IGS2019

NOVEMBER 11, 2019 SESSION 2 – AFTERNOON

“Subgrade and Subbase Stabilisation with Geosynthetics”

Session Chair: Pietro Rimoldi

1. [Short Introduction](#)
Pietro Rimoldi
2. [Subgrade Stabilisation: Improvement of In-situ Soil and/or Blanket Addition](#)
Christopher Quirk
3. [Control of Differential Settlements, Capping of Weak Deposits, Spanning Voids](#)
Oliver Detert

Coffee break – 20 minutes

4. [Subbase Stabilisation for Paved Roads, Unpaved Roads, Unpaved Parking Decks and Container Yards](#)
Pietro Pezzano and Ratnakar Mahagian
5. [Testing for Subgrade and Subbase Stabilisation Performance](#)
Eli Cuelho
6. [Round Table and Open Discussion](#)

TOTAL DURATION: 4 HOURS

PROGRAMMING CONTINUED ON NEXT PAGE



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NOVEMBER 12, 2019 SESSION 1 – MORNING

“Stabilisation Applications in Railways”

Session Chair: Erol Tutumluer | **Co-Chair:** Zikmund Rakowski

1. [Introduction](#)
Erol Tutumluer
2. [Ballast Stabilization and Mitigation of Ballast Degradation using Geogrids](#)
Erol Tutumluer
3. [Experience with Geocomposites Placed Beneath Ballast Bed to Improve Railway Track Stability](#)
Leoš Horníček

Coffee break – 20 minutes

4. [Field and Laboratory Studies of Geogrids in the Ballasted Track](#)
Andrei Petraiev
5. [Ballast Trackbed Settlement Due to Train Passages and its Countermeasure by Using Geogrid](#)
Xuecheng Bian
6. [“The Role of Geogrids in Heavy Haul for Improved Performance of Tracks” – Prepared by Buddhima Indraratna](#)
Erol Tutumluer
7. [Round table and Open Discussion](#)

TOTAL DURATION: 4 HOURS

NOVEMBER 12, 2019 SESSION 2 – AFTERNOON

“Stabilisation in Working Platforms and other Geotechnical Applications”

Session Chair: Jacek Kawalec

1. [Introduction](#)
Pietro Rimoldi
2. [Strain Levels of Geogrids in Stabilisation Application Conditions](#)
Jacek Kawalec
3. [Field Investigation on Serviceability and Using KEM for Ultimate Limite State Design over Cohesive Subgrades](#)
Lars Vollmer

Coffee break – 20 minutes

4. [The Benefit of Stabilisation on Two-layer Bearing Capacity](#)
Andrew Lees
5. [Challenges and Opportunities in Full-scale Performance Testing](#)
Ian Fleming
6. [Final Discussion and Closing of Seminar](#)

TOTAL DURATION: 4 HOURS