

GEO-SUMMIT 2017

**Understanding Nature,
Preparing for our Future.**

15th – 18th October 2017
Davos Switzerland



GEO-SUMMIT

15TH – 18TH OCTOBER 2017

Understanding Nature, Preparing for our Future.

It is our pleasure to welcome you to the GEO-Summit from 15th to 18th October 2017. This year's GEO-Summit takes place in the picturesque area of Davos. The four day event will focus on a broad range of topics related to the development and intensity of natural catastrophes as well as ways to manage risks and mitigate the consequences of natural hazards for people and infrastructure.

This year's GEO-Summit takes place under the auspices of the **Swiss Public Insurance Companies for Buildings Prevention Foundation**. The Foundation supports projects concerned with integral and building-related risk management.

The aim of the conference is to bring together engineers, state authorities, contractors and planners from all over the world to discuss and share their experience. One of the most important goals of the GEO-Summit 2017 is the dialogue between regions and even continents. We are confident that you will have many interesting discussions during our event.

Looking forward to an interesting GEO-Summit 2017,



Andrea Roth
CEO Geobrug Group



Mario Brunn
CMO Geobrug Group



Markus Feltscher
President Prevention
Foundation (PIB)

GENERAL INFORMATION

Conference Language

English

Conference Location

Hotel InterContinental
Baslerstrasse 9
7260 Davos Dorf, Switzerland

Phone +41 81 414 04 00

www.davos.intercontinental.com

Accommodations

Hotel InterContinental
Baslerstrasse 9
7260 Davos Dorf, Switzerland
Phone +41 81 414 04 00
www.davos.intercontinental.com

Arabella Hotel Waldhuus
Mattastrasse 58
7270 Davos Platz, Switzerland
Tel. +41 81 417 93 33
www.waldhuusdavos.ch

Dress Code

Smart casual for conference and dinner. On Monday we will have a short walk to our test site on a hiking trail **where appropriate shoes with good profile** are required.

Important:

For safety reasons you will not be allowed to join the test without suitable shoes.

Contacts in case of emergency

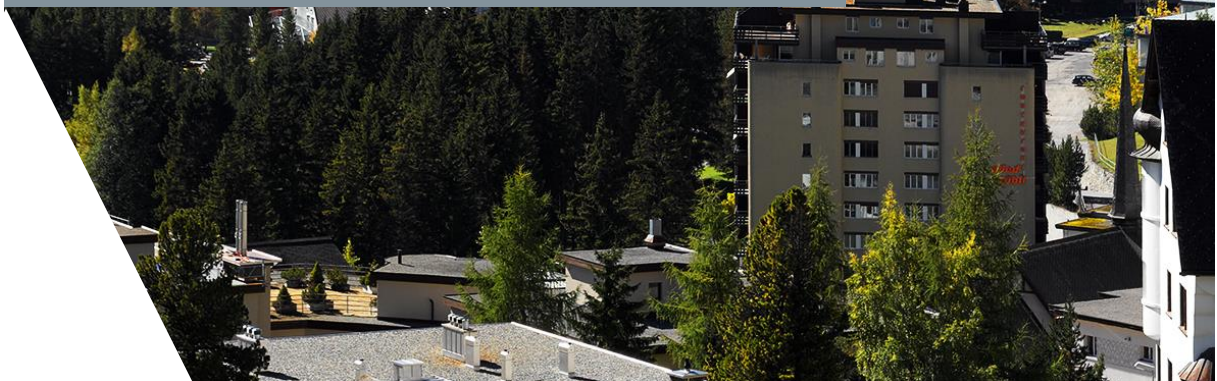
Ambulance 144
Fire service 118
Police 117
Rega/Helicopter 1414

Contacts in case of questions

Anahí Perez +41 79 317 74 30
Mario Brunn +41 77 446 14 66

ABOUT THE AREA OF DAVOS

Davos is the **highest town in Europe**, famed for the diversity of sports, leisure and cultural offers, its rejuvenating climate, the HC Davos, the Spengler Cup, the Kirchner Museum, the World Economic Forum and the celebrated freestyle scene on Jakobshorn.



SUNDAY, 15TH OCTOBER 2017

Arrival of all guest to the hotels and check-in.

18:15 Bus Transfer from Hotel Waldhuus to Hotel InterContinental

18:30 Welcome Drink
Lobby

19:00 Welcome Dinner
Conference Foyer

22:00 Bus Transfer Hotel InterContinental to Hotel Waldhuus
End of the Day



MONDAY, 16TH OCTOBER 2017

- 08:15** **Bus Transfer from Hotel Waldhuus to Hotel InterContinental**
- 08:30** **Start of Conference**
Room "Seehorn"
- 08:40** **Markus Feltscher, Swiss Public Insurance
Companies for Buildings Prevention Foundation**
Introduction
- 08:55** **Thomas Egli PhD, Egli Engineering AG**
Historical Background of Risk Assessment in Switzerland
- 09:15** **Walter Ammann, GRF Davos**
Climate Change and its Impact on Risks.
- 09:35** **Secretary Marc A. Villar, Department of Public Works
and Highways Philippines**
Climate Change Adaption and Program Mitigation:
Building a Sustainable and Resilient Philippines
- 09:50 Coffee Break
- 10:20** **Dr. sc. Julia Kowalski, AICES and Division of Earth Sciences
and Geography, RWTH Aachen University**
Towards a Holistic Simulation Model for Earth-Quake Induced
Landslides.
- 10:50** **Dr. Lorenz Meier, GEOPRAEVENT AG**
Risk Minimization with Digital Monitoring
- 11:20** **Prof. Paulus P. Rahardjo Ph.D., Geotechnical Engineering
Consultant**
Seismic Induced Rock Slides and Landslides in Indonesia:
Their Occurrence, Risk Assessment and Counter Measures.
- 11:35** **Dr. Corinna Wendeler, Geobrugg AG**
Introduction to the Afternoon
- 11.45** **Change Clothes/Shoes**
Warm and waterproof clothes as well as good shoes with good
profile are required. For safety reasons you will not be allowed to
join the test without suitable shoes.
- 11:45** **Bus Transfer from Hotel InterContinental to Hotel Waldhuus**
- 12:15** **Bus Transfer from Hotel InterContinental to Test Site**
- 12:15** **Bus Transfer from Hotel Waldhuus to Test Site**

Lunch will be provided during bus transfer.
- 16:00** **Live Test High Energy Rockfall Barrier**
Quarry Lochezen, Walenstadt

18:00 Bus Transfer to Dinner Location

18:30 Dinner at the «VersuchsStollen»
Hagerbach Test Gallery, Flums

21:00 Bus Transfer to Davos
End of the Day

SPEAKERS



Markus Feltcher
President, Prevention
Foundation (PID)



Thomas Egli, PhD
CEO, Egli Engineering AG



Dr. Walter Ammann
President and CEO, GRF Davos



Marc A. Villar
Secretary, Department of Public
Works and Highways, Philippines



Dr. sc. Julia Kowalski
Junior Research Group Leader,
AICES and Division of Earth
Sciences and Geography,
RWTH Aachen University



Dr. Lorenz Meier
CEO, GEOPRAEVENT AG



Prof. Paulus P. Rahardjo Ph.D.
Geotechnical Engineering
Consultant



Dr. Corinna Wendeler
CTO, Geobrugg AG



Moderation: Aron Vogel
Regional Manager CEE and
Russia & CIS, Geobrugg AG

TUESDAY,
17TH OCTOBER 2017



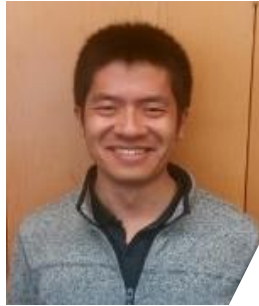
Today's program is organized in collaboration with the
WSL Institute for Snow and Avalanche Research SLF.

- 09:00 Bus Transfer from Hotel InterContinental to Test Site**
- 09:00 Bus Transfer from Hotel Waldhuus to Test Site**
- 09:45 Alpine Rockfall Experiments with SLF**
Chant Sura, Flüelapass Davos
- 11:00 Bus Transfer to Hotel InterContinental**
- 11:45 Lunch**
Conference Foyer
- 13:00 Start of Conference**
Room "Seehorn"
- 13:15 Dr. Perry Bartelt & Dr. Guang Lu, SLF**
Convex Analysis for Rockfall Simulation Code
- 13:45 Dr. Andrin Caviezel, SLF**
Rockfall Experiments: Real World Data for Calibration.
- 14:15 Coffee Break**
- 14:45 Prof. Dr. Yoshiharu Ishikawa, TOA GROUT KOGYO CO., LTD.**
Impact Barriers in Japan and Relation to the Hazards Zones.
- 15:00 Marc Christen, SLF**
RAMMS ROCKFALL: Practical Guide to a 3D Rockfall Modelling Software.
- 15:30 Dr. Yves Bühler**
Remote Sensing and its Applications to Rockfall.
- 16:00 Dr. Corinna Wendeler, Gebrugg AG**
Introduction to the Afternoon
- 16:15 Bus Transfer from Hotel InterContinental – Hotel Waldhuus**
- 17:30 Bus Transfer from Hotel InterContinental to Dinner Location**
- 17:45 Bus Transfer from Hotel Waldhuus to Dinner Location**
- 18:15 Dinner**
Hotel Schatzalp, Davos
- 21:30 Start Shuttle Services to Hotels**
(Last Shuttle at 23:00)
- End of the Day**

SPEAKERS



Dr. Perry Bartelt
WSL Institute for Snow and
Avalanche Research SLF



Dr. Guang Lu
WSL Institute for Snow and
Avalanche Research SLF



Dr. Andrin Caviezel
WSL Institute for Snow and
Avalanche Research SLF



Prof. Dr. Yoshiharu Ishikawa
TOA GROUT KOGYO CO., LTD.



Marc Christen
WSL Institute for Snow and
Avalanche Research SLF



Dr. Yves Bühler
WSL Institute for Snow and
Avalanche Research SLF



Moderation:
Dr. Corinna Wendeler
CTO, Gebrugg AG

WEDNESDAY, 18TH OCTOBER 2017

08:00 Bus Transfer to Romanshorn

10:30 Factory Visit Geobruugg AG

12:00 Lunch

13:00 Bus Transfer

Touristic Program

15:30 Bus Transfer

**17:00 Arrival in Zurich Airport
Goodbyes**

*Slight changes on program are possible.

The main image shows a construction worker in a white shirt and hard hat standing on a green lift basket. He is working on a steep, rocky cliffside. Several large, coiled metal cables (RXE barriers) are being installed along the edge of the cliff. A blue truck is parked on a road below the cliff. The ocean is visible in the background. The text 'FOR THE MOST VALUABLE ASSET IN LIFE: OUR SAFETY.' is overlaid in white on the top left of the image.

FOR THE MOST VALUABLE ASSET IN LIFE: OUR SAFETY.

The danger of rockfalls is increasing due to climate change. This was once restricted to mountainous regions, but expanding urban areas close to rocky slopes are increasingly at risk. As conventional protective structures are often unable to withstand impacts, we have developed our RXE barriers. With their unique low deflection levels, they provide reliable protection for both people and infrastructure.

Under the aegis of:



www.praeventionsstiftung.ch

Organized by:



www.geobrugg.com

