



AUSTRIAN
SOCIETY FOR
GEOMECHANICS

PROGRAM

74th GEOMECHANICS COLLOQUIUM Franz Laabmayr Colloquium & Workshops 2025

08th, 09th-10th OCTOBER 2025
SALZBURG CONGRESS, AUSTRIA



THE AUSTRIAN SOCIETY FOR GEOMECHANICS

is honoured to invite you to the 74th **Geomechanics Colloquium 2025** from **09th to 10th of October 2025** at the Congress Center „Salzburg Congress“, Auerspergstrasse 6, Salzburg, Austria.

Session topics:

- » Intergenerational dialogue in geotechnics
- » International Major Projects
- » Hydraulic Underground Structures
- » Constructive Aspects in Tunnel Construction

ATTENTION:

The colloquium will take place exclusively as a face-to-face event. There will be no live transmission of the contributions and no subsequent provision of recordings.



Previous to the Colloquium the **the following workshops** with the topics

- » ▪ Sustainability in Infrastructure Construction
- » ▪ Generating Knowledge from Data
- » ▪ Segment Systems and Dimensioning

are scheduled on the **08th of October 2025**

PREFACE

PROF. ROBERT GALLER



A Warm Welcome to the 74th Geomechanics Colloquium 2025 in Salzburg!

It is a great honor and pleasure for me to welcome you, on behalf of the Austrian Society for Geomechanics, to our annual colloquium.

I would like to take this opportunity to remind us all of the values and goals that have shaped our community since its founding: the promotion of scientific exchange, the support of innovative research, and the application of geomechanical knowledge in practice.

Over the years, the Geomechanics Colloquium has established itself as an outstanding platform where experts from academia, industry, and practice come together to discuss the latest developments and challenges in our field. This year, once again, you can look forward to numerous high-level presentations, engaging discussions, and the opportunity to connect with colleagues from around the world.

On the Wednesday before the colloquium, workshops will be held on the topics of "Sustainability in Infrastructure Construction", "Generating Knowledge from Data", and "Segment Systems and Dimensioning".

With the first half-day session of the colloquium titled "Generational Dialogue in Geotechnics", we are taking a new approach this year, and we look forward to exciting discussions.

Further topics range from "International Megaprojects" and "Underground Hydraulic Structures" to "Structural Aspects in Tunnel Construction". The breadth of topics reflects the dynamism and relevance of our discipline and demonstrates how geomechanical research and practice can contribute to addressing global challenges.

I would like to take this opportunity to express my heartfelt thanks to all colleagues active in the ÖGG, especially to our central coordinators, Ms. Christine Santos Martinez and Ms. Gabriele Hermann-Kühnrich, to the speakers, and to all participants. Your dedication and passion are what make this colloquium a vital meeting point for geomechanical exchange and progress.

I look forward to inspiring days full of new insights, intense discussions, and valuable encounters. Let us shape the future of geomechanics together and continue to strengthen the bridge between science and practice.

Glück Auf!

A handwritten signature in blue ink, appearing to read 'R. Galler', written over a light blue grid background.

Robert Galler
Chairman of the Austrian Society for Geomechanics

WORKSHOPS

WEDNESDAY, 08TH OCT. 2025

SUSTAINABILITY IN INFRASTRUCTURE CONSTRUCTION

9:00 a.m.

Chair

H. Posch

IGT Geotechnik u. Tunnelbau ZT GmbH (A)

A. Tauer

IGT Geotechnik u. Tunnelbau ZT GmbH (A)

This Workshop will be held exclusively in German

Main topics

- Planning Principles – Rethink Required?
- Handling of excavation/demolition – changes and impacts due to the mandatory “Material Concept” in the upcoming Excavation Ordinance
- Construction methods, machinery, and transport – alternative or vision?
- GHG emissions and sustainability criteria from planning to execution

09:00 a.m. Welcome and Introduction to Key Topics

Part 1: 9:10 – 10:45 a.m.

Planning Principles – Rethinking Required?

9:10 a.m. Sustainable Planning in the Spirit of the Circular Economy

C. Kitzler

IGT Geotechnik u. Tunnelbau ZT GmbH (A)

9:30 a.m. Opportunities and Challenges in Reducing Emissions in Concrete Construction

J. Horvath

Holcim Zement GmbH (A)

9:50 a.m. Sustainability of Railway Tunnels – Reliability-Based Approaches in Planning and Execution

C. Seywald ÖBB-Infrastruktur AG, SAE, Fachbereich Bautechnik, Tunnelbau (A)

A. Strauss BOKU Universität Wien, Institut für konstruktiven Ingenieurbau (A)

W. Pichler Material Consult Dr. Pichler ZT GmbH (A)

10:10 a.m. Sustainability of Civil Engineering Structures – From Standardization and Research to Best Practice Examples from the Field (U5-Hamburg)

F. Gschösser AB für Baumanagement, Baubetrieb und Tunnelbau, Leopold-Franzens-Universität Innsbruck (A)

10:30 a.m. Discussion and Developement of a Way Forward

10:45 COFFEE BREAK (15 min)

Part 2: 11:00 a.m.– 12:30 p.m.

Handling of Excavation/Digging/Demolition – Changes and Impacts of the Mandatory „Material Concept“ in the Upcoming Excavation Ordinance

11:00 a.m. Planned Changes to Relevant Regulations (Especially Excavation Ordinance and Landfill Ordinance)

R. Starke BMLUK (A)

11:30 a.m. Risks from Geogenic and Anthropogenic Contaminants for a Possible End-of-Waste Status for Tunnel Excavation Material

M. Nahold GUT GRUPPE UMWELT + TECHNIK GMBH (A) (A)

11:50 a.m. Project-Specific Material Concepts – Experiences to Date

H. Posch IGT Geotechnik u. Tunnelbau ZT GmbH (A)

12:10 p.m. Discussion and Developement of a Way Forward

12:30 p.m. LUNCH BREAK (60 min)

Part 3: 1:30 p.m. – 3:10 p.m. Construction Methods, Machinery, and Transport – Alternative or Vision?

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|------------------|---|
| 1:30 p.m. | Previous Experience in Planning and Execution |
| A. Tauer | IGT Geotechnik u. Tunnelbau ZT GmbH (A) |
| 1:50 p.m. | Low-emission vs. Zero-emission Freight Transport |
| R. Löffler | truckconsult (A) |
| 2:10 p.m. | The Future of Construction Machinery – Alternative Powertrains |
| H. Pfab | Liebherr-Werk Bischofshofen GmbH (A) |
| 2:30 p.m. | Rail Logistics Solutions by the Rail Cargo Group |
| Ch. Prax-Huber | Rail Cargo Group (A) |
| 2:50 p.m. | Discussion and Development of a Way Forward |
| 3:10 p.m. | COFFEE BREAK (20 min) |

Part 4: 3:30 – 5:00 p.m. GHG Emissions and Sustainability Criteria from Planning to Execution

- | | |
|------------------|--|
| 3:30 p.m. | Recent Developments in Infrastructure Construction for Standardized CO₂ Assessment |
| M. Kleiser | ASFINAG BMG (A) |
| G. Spranz | Swietelsky AG (A) |
| 3:50 p.m. | Of One Who Set Out to Reduce CO₂ |
| T.Kirchmaier | Keller Grundbau GmbH, Division EME Nachhaltigkeitsmanager (A) |
| P. Freitag | Keller Grundbau GmbH, Business Unit SEN, Lead of Environmental Geotechnics (A) |
| 4:10 | Sustainability Criteria – Experiences in Tendering and Contract Award Using the ASFINAG Example |
| Ch. Albrecht | ASFINAG BMG (A) |
| 4:30 p.m. | Discussion and development of a way forward |

SEGMENTAL LINING

9:00 a.m.

Chair

D. Bach	IGT Geotechnik u. Tunnelbau ZT GmbH (A)
V. Nasri	AECOM

9.00 - 10.30 a.m.: Section 1: Fundamentals of Segments

Design Fundamentals

V. Nasri	AECOM
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Formwork Systems

S. Medel	Herrenknecht Formwork
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Segment Production

K.-J. Malcher	Max Bögl
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10:00 a.m. COFFEE BREAK (30 min)

11.00 a.m. - 12.30 p.m.: Section 2: Accessories, Sealing, Backfill

Connenctions and Accessories

Ch. Delus	Optimas
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Sealing Gaskets

A. Diener	Theodor Cordes GmbH & Co KG
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Backfill Grouting

W. Aldrian	Master Builders Solutions
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12:30 p.m. LUNCH BREAK (60 min)

1.30 - 3.00 p.m.: Section 3: Guideline and Fibre Segments

Introductions of the New Austrian Segment Guideline

E. Pani	FCP Fritsch, Chiari & Partner ZT GmbH
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Fibre Segments

B. De Rivaz Bekaert

Conclusions of Tests of Fibre Reinforced Segments

Alexandros Evangelatos Montanuniversity Leoben

3:00 p.m. COFFEE BREAK (30 min)

3.30 - 5.00 p.m.: Section 4: Use of Fibre Segments

From View of Designer

Ch. Barwart IGT Geotechnik u. Tunnelbau ZT GmbH

From View of Contractor

M. Diewald Porr Tunnelbau

Discussion to Use of Fibre Segments

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GENERATING KNOWLEDGE FROM DATA

1:30 p.m.

Chair

P. Maroschek eguana GmbH (A)

Objective:

Using measurement data in ways that deliver real value – to enable better decisions, clear recommendations for action, and improved safety.

Content:

Digital systems have long been a part of geotechnical engineering – but what does their use look like in day-to-day construction? What kinds of data are generated where, how can they be collected, processed, and put to use? And how can raw numbers be transformed into reliable insights that improve construction workflows and ensure quality?

This workshop will explore how digital tools work together to turn data into actionable information and solid foundations for planning, documentation, and site management.

Key topics include:

- Integrating different systems to provide decision-making support with minimal effort
- Real-world examples of successful data application
- Common pitfalls – and how to avoid them

The goal: a realistic picture of where digital tools already make a difference on site, and what it takes to implement them successfully.

Agenda:

1:30 p.m.

Welcome & Goals:

A short intro to the workshop: Why data in geotechnics is more than just numbers – and how to turn it into value.

2:00 p.m.

Experience Data – Practical Stations

Several interactive stations will demonstrate how data is generated, processed, and applied in geotechnical work.

Planned topics include:



Geodata (Geotechnical Instrumentation): From inclinometers to extensometers and data transmission – the focus here is on capturing ground movement and changes accurately and making them usable for further analysis.



WEBAC (Grouting): All about grouting processes and their digital support. We'll show how modern systems provide valuable real-time data during operations, assisting on-site execution.



Cell (Water Management): Water level sensors, quality probes, and loggers show how environmental data is reliably captured and transmitted. We'll cover both the tech and its field applications.



Sandvik (Drilling Technology): This station shows how drilling data is digitally recorded in real time. You'll see what's needed technically – and how automated logging makes a difference.



eguana (Data Management): See how various data sources come together in one system to support informed decisions, optimize processes, and improve communication.

3:30 p.m.

COFFEE BREAK (30 min)

4:00 p.m.

Wrap-Up & Discussion:

What are the takeaways? Expert insights, Q&A, exchange of experiences, and ideas for your own practice.

5:00 p.m.

End of the Workshop

Outcomes:

- Hands-on knowledge of capturing and using geotechnical data digitally
- Better understanding of the link between data, interpretation, and sound decision-making
- Inspiration and practical ideas for implementing digital workflows in your own projects

AGENDA

THURSDAY, 09TH OCT. 2025

WELCOME

8:30 a.m.

Welcome by R. Galler,
President of the Austrian Society for Geomechanics

OBITUARY DR. FRANZ LAABMAYR

8:45 a.m.

M. Eder IL-Ingenieurbüro Laabmayr & Partner ZT GesmbH (A)

INTERGENERATIONAL DIALOGUE IN GEOTECHNICS

9:00 a.m.

Please note the reference to the survey on page 28!

Chair

U. Grunicke

UHG Consult Ziviltechniker (A)

A. Granitzer

Norwegian Geotechnical Institute (NO)

From Intergenerational Dialogue to Intergenerational Conflict and Back to Intergenerational Dialogue

R. Marte

Technische Universität Graz (A)

How We Can Best Learn from Each Other and Work Together in Our Diversity

M. Resch

FCP Fritsch, Chiari & Partner ZT GmbH (A)

New Work in Geotechnics - Between Tradition and Future

A. Müller-Kirchenbauer

Hochschule Bielefeld (D)

L. Thiede

MKP Müller-Kirchenbauer Ingenieures (D)

Lack of Know-How Transfer in the Execution of Geotechnical Constructions

M. Rebhan	Technische Universität Graz (A)
M. Schuch	ÖBB Infrastruktur AG (A)
C. Klaas	ASFINAG Baumanagement GmbH (A)
K. Breit	Keller Grundbau GmbH (A)
V Poschauko	Technische Universität Graz (A)
C. Pacher	Montan Universität Leoben (A)
T. Pirkner	Vereinigung Österreichischer Bohr-, Brunnenbau- und Spezialtiefbauunternehmungen (A)

COFFEE BREAK (30 min)

10:20 a.m.

Generations Young to Old: Boomers, Gen X-Z, Generation Alpha, etc. Is There a Generational Gap and Can We Find Unity?

K. Grossauer	iC consulenten ZT GmbH (A)
N. Radonic	iC consulenten ZT GmbH (A)
D. Gunacker	iC consulenten ZT GmbH (A)

„Everything was better in the past“ - „Everything is faster today“: Evolution of Geomechanics Over Time

M. Honisch	Universität Innsbruck (A)
J. Branke	Universität Innsbruck (A)
M. Keuschnig	GEORESEARCH Forschungsgesellschaft mbH (A)
G. Poscher	geo.zt gmbh poscher beratende geologen (A)
B. Schneider-Muntau	Universität Innsbruck (A)

Charting the Generational Gap in Geotechnics: A Transalpine Perspective

[+Discussion]

A. Kluckner	Geotechniker (A)
G. H. Erhardter	Norwegian Geotechnical Institute (NO)
A. Granitzer	Norwegian Geotechnical Institute (NO)
B. Mair	Soziologin (A)
S. Lacasse	Norwegian Geotechnical Institute (NO)

LUNCH BREAK (90 min)

12:30 a.m.

LEOPOLD MÜLLER AWARD 2025

2:00 p.m.

INTERNATIONAL MAJOR PROJECTS

2:15 p.m.

Chair

R. Galler

Montanuniversität Leoben (A)

G. Urschitz

Strabag AG (A)

Wendeanlage Matzleinsdorfer Platz: Adaptation of the Tunnelling Concept to Changed Ground Conditions

Drainage via Pilot Tunnel as a Solution for Water-Bearing Ground during Tunnel Excavation

E. Theussl

Strabag AG (A)

A. Helmberger

IL – Ingenieurbüro Laabmayr & Partner ZT GesmbH (A)

D. Oppitz

STRABAG AG – Direktion IG (A)

Tunnelling in Highly Water-Bearing Rock Sections

J. Bauer

Implenia Österreich GmbH (A)

H. Hauer

Implenia Österreich GmbH (A)

Ch. Diewald

Hochtief Infrastructure GmbH (A)

R. Holzer

Geoconsult Wien ZT GmbH (A)

Z. Ekici

IGT Geotechnik und Tunnelbau(A)

Th. Hofmann

ÖBB Infrastruktur AG (A)

Brenner Base Tunnel: Experiences of the Main Tunnel Tubes with Single- Shield TBMs in Lot H41 Sillschlucht-Pfons

R. Insam

BBT SE (A)

K. Mair am Tinkhof

Amberg Engineering AG (A)

W. Fahrnberger

Müller + Hereth GmbH (D)

D. Schaller

BERNARD Gruppe ZT GmbH (A)

A. Priller

GEOCONSULT ZT GmbH (A)

H. Goldberger

Implenia Österreich GmbH (A)

COFFEE BREAK (35 min)

3:45 p.m.

Large NATM Sections in Urban Environment – Experiences from Pune Metro

F. Krenn	GeoConsult India Pvt.Ltd. (IN)
J. Manvani	GeoConsult India Pvt.Ltd. (IN)
S.K. Tirumala	GeoConsult India Pvt.Ltd. (IN)
A. Kumar Jha	Sr. Deputy General Manager/Design, Maharashtra Metro Rail Corporation Ltd (IN)
M. Magdum	Tata Projects Limited, GÜLERMAK TPL PUNE METRO Joint Venture (IN)

JV Marienhof – Tunnelling Under Compressed Air Conditions and Excavation Works in the Inner-City Area

Ch. Läufer	Implenia Civil Engineering GmbH (D)
R. Boiger	Implenia Civil Engineering GmbH (D)
A. Wesch	Implenia Civil Engineering GmbH (D)
R. Listl	DB InfraGo AG (D)
R. Saul	Hochtief Infrastructure GmbH (D)
M. Manjarres	Implenia Civil Engineering GmbH(D)

Sri Lanka's Mahaweli Water Security Investment Program – Tunnelling aiming to secure Economic Prosperity and Climate Resilience in the Northern Dry Zone

B. Freeman	Tractebel Engineering GmbH (D)
B. Stacherl	Geoconsult ZT GmbH (A)
S. Schmitt	Fichtner GmbH & Co. KG (D)
D. Lees	David Lees and Associates (AU)
S. Banda	Project Director, Project Implementation Unit (PIU) NCPCP Ministry of Irrigation (Sri Lanka)

CONCERT VILLA VICINA (Int. Stiftung Mozarteum) 7:00 p.m.



With the support of the government of the province and the city of Salzburg, we invite the participants to a concert in the **concert hall of Villa Vicina** (Schwarzstraße 30) Thursday evening. The invitation to the concert is attached to the conference documents.

CONGRESS DINNER 7:00 p.m.

Following the concert, the Austrian Society for Geomechanics warmly invites all participants and their accompanying persons to the congress dinner at SALZBURG CONGRESS – a relaxed setting to share ideas with old friends and make new ones.



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AGENDA

FRIDAY, 10TH OCT. 2025

CONSTRUCTIVE ASPECTS IN TUNNEL CONSTRUCTION

8:30 a.m.

Chair

B. Mattle	ILF Consulting Engineers Austria GmbH (A)
A. Göbl	Implenia Österreich GmbH (A)

GSR - Pretensioned Steel Arch - Reinforcement Technology Rethought

W. Pitscheider	GSR Spannring GmbH (D)
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Resource-Efficient Segmental Lining System with Butt-Jointed Reinforcement in the Longitudinal Joint

M. Decker	Stahlbeton- und Massivbau, TU Vienna (A)
C. Proksch-Weilguni	Stahlbeton- und Massivbau, TU Vienna (A)
P. Huber	Stahlbeton- und Massivbau, TU Vienna (A)
J. Kollegger	Stahlbeton- und Massivbau, TU Vienna (A)

Grand Paris Express: Steel Fibre Reinforced Concrete Tunnel Segments return of experience

B. De Rivaz	Bekaert France (F)
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Distributed Fibre Optic Monitoring of Segmental Lining at the Brenner Base Tunnel

T. Cordes	BBT SE (A)
B. Schneider-Muntau	University Innsbruck (A)
L. Walter	ILF Consulting Engineers Austria GmbH (A)

Current Experiences in the Design and Construction of Pressure Tunnels

S. Pausz	AFRY Austria GmbH (A)
M. Marencé	AFRY Austria GmbH (A)
Z. Radic	AFRY Austria GmbH (A)
M. Smesnik	AFRY Austria GmbH (A)
A. Nocker	AFRY Austria GmbH (A)

COFFEE BREAK (30 min)

10:30 a.m.



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HYDRAULIC UNDERGROUND STRUCTURES

11:15 p.m.

Chair

G. Zenz	Technische Universität Graz (A)
W. Leitner	PORR Bau GmbH (A)

Geotechnical Challenges and Monitoring Program in the Exploratory Tunnel for the Coire Glas Pumped Storage Plant

J. Golser	Geodata Messtechnik GmbH (A)
J. Hechenbichler	Züblin Spezialtiefbau Ges.m.b.H. (A)
D. Porubsky	Strabag UK - D&B Tunneling (UK)

EurCOLD Bulletins on Penstocks, Pressure Tunnels and Shafts: Selected Overview

W. Richter	Technische Universität Graz (A)
A. Frigerio	RSE - Ricerca Sistema Energetico (IT)
R. Giudici	Sub C Marine (F)
M. Marence	IHE Delft Institute for Water Education (NL)
A. Pachoud	Bundesamt für Energie BFE (CH)
C. Pollak-Reibenwein	Andritz Hydro GmbH (A)
F. Bacchus	French Ministry of Environment(F)

New Construction of Pumped Storage Power Plant Forbach/ Black Forest - State of Construction Works

H.J. Stech	HIC Holzhäuser Ingenieur Consult GmbH (DE)
Ch. Wieser	Porr GmbH & CO KG AA (D)
R. Schindler	gbm Gesellschaft für Baugeologie und -meßtechnik (D)
D. Wettels	Porr GmbH & CO KG AA (D)
I. Kamuf	EnBW AG (D)
U. Gommel	EnBW AG (D)

Optimization of the Pressure Shaft for the PSW Limberg III

T. Etzer

Verbund Hydro Power GmbH (A)

M. Türtcher

ARGE PSW Limberg III (A)

C. Rieder

Verbund Hydro Power GmbH (A)

Ebensee Pumped Storage Power Plant: Challenges and Solutions

R. Bukowsky

Porr Bau GmbH (A)

G. Gschwandtner

Energie AG Oberösterreich (A)

Closing words

R. Galler

Montanuniversität Leoben (A)

LUNCH

1:15 p.m. (60 min)

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swietelsky.com/tunnel-construction



EXCURSION

WEDNESDAY, 08TH OCT. 2025

BRENNER BASE TUNNEL

The Project:

The Brenner Base Tunnel (BBT) is a straight, flat railway tunnel with a length of 55 km, running between Innsbruck (Austria) and Franzensfeste (Italy), making it a cross-border project of European significance. The BBT consists of two single-track tunnel tubes with a diameter of 8.1 meters, running at a distance of 40 to 70 meters apart. The two tubes are linked every 333 m by connecting side tunnels. A unique feature of the BBT is the continuous exploratory tunnel.

The excursion begins at the modern BBT information center, "Tunnelwelten", in Steinach am Brenner with a project presentation. Afterward, you will receive protective equipment (helmet, boots, etc.). You will then enter the tunnel via the access tunnel and have the opportunity to visit the cross cavern, the St. Jodok emergency stop, a cavern for the tunnel boring machines, the transfer station, and the Padastertal disposal site.

Important Notes:

- Participation in a tunnel tour is at the sole risk and responsibility of the participants.
- Minimum age: 18 years (16 years with an adult companion and parental consent).
- A good state of health and physical fitness are required for participation.
- Unfortunately, pregnant individuals and people with pacemakers cannot take part in the tour.

Each participant will receive protective equipment (helmet, vest & boots).

www.tunnelwelten.com
www.bbt-se.com



(c) BBT SE



(c) BBT SE



(c) BBT SE

Preliminary Program

- 7:30 a.m. Departure from Salzburg Congress – Start of the excursion
- 10:00 a.m. Arrival at the BBT Tunnelwelten in Steinach am Brenner
- 10:30 a.m. Project presentation
- 11:30 a.m. Snack at the information center or lunch at the JUFA Hotel
- 12:15 p.m. Construction site visit
- 3:00 p.m. Departure from the construction site
- 5:30 p.m. Arrival at Salzburg Congress
- End of excursion

EXCURSION

FRIDAY, 10TH OCT. 2025

PUMPED STORAGE POWER PLANT EBENSEE

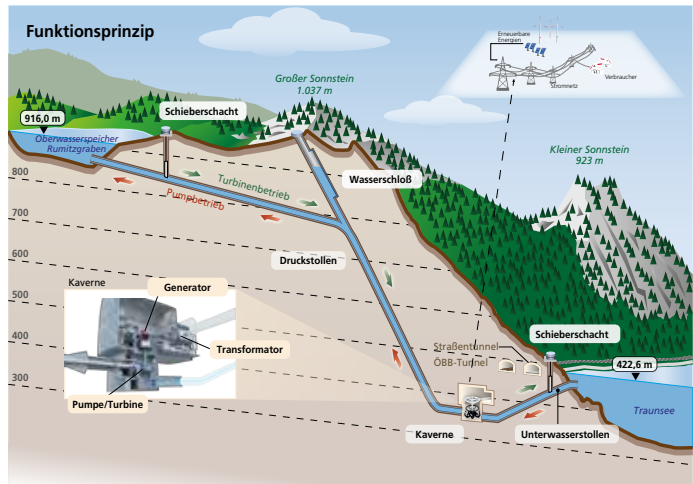
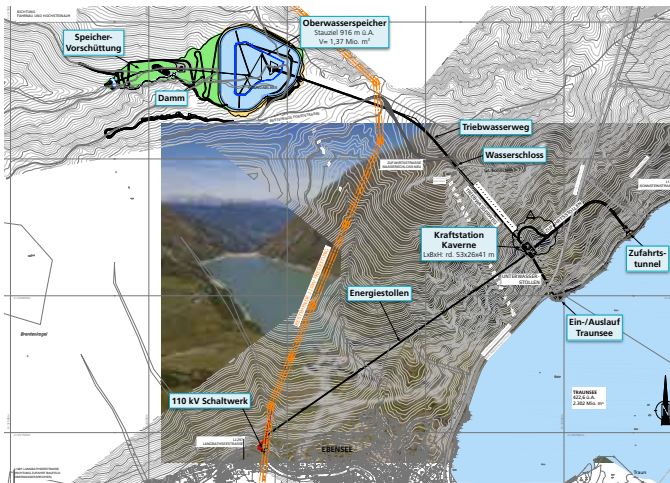
Technical data of the pumped storage power plant Ebensee

The power plant is planned as a cavern power plant at the foot of the Great Sonnstein with a reversible pump turbine. The upper water reservoir is located in the Rumitzgraben. The completion of the reservoir is formed by an approximately 60-meter-high natural embankment dam. The Traunsee serves as the lower water reservoir. The water is pumped up about 490 meters using a pump turbine, and when energy is needed, the stored water is led down through the pump turbine to generate electricity.

The power plant has a storage capacity of 1.32 million cubic meters and has a capacity of 170 megawatts. The storage capacity enables an operating time for electricity generation of 10 full load hours. The water intake and discharge flow several meters underwater into the Traunsee. The energy discharge to the existing 110 kV overhead line is via a separate energy discharge tunnel and its own switchgear.

Key data:

Type of plant:	Cavern power plant
Turbine/pump capacity (variable-speed Francis pump turbine):	170/150 MW
Efficiency:	Approximately 80%
Upper reservoir capacity:	1.32 million m ³ (10-hour storage)
Maximum dam height:	60 meters (earth dam)
Gross head:	491 meters
Grid connection (existing line):	110 kV



Left: Schematic overview PSKW Ebensee © Energie AG
 Right: Site overview plan PSKW Ebensee © Energie AG"

Preliminary Program

- | | |
|-----------|--|
| 1:45 p.m. | Departure from Salzburg Congress |
| 3:00 p.m. | Arrival at the main construction site PSKW Ebensee |
| 3:15 p.m. | Project Explanation |
| 4:00 p.m. | Tour of Construction Areas |
| 7:00 p.m. | Departure towards Salzburg |
| 8:15 p.m. | Arrival at Salzburg Congress |

GENERAL

ENQUIRY ABOUT THE SESSION INTERGENERATIONAL DIALOGUE

Have you ever wondered whether your older or younger colleagues approach work differently than you? This online survey explores generational differences in the geo-disciplines with respect to technology, values, work habits and more, to learn lessons for the future. Share your experiences today by following this link:

Link: <https://forms.office.com/e/zbV9tvqhQ7>

The survey takes about 15 minutes and results will be anonymized. Please answer as many questions as you like, but be sure to hit the "submit" button at the very end!

Please share the link within your relevant network (worldwide). We welcome professionals from all geo-related disciplines, including, but not limited to, geotechnical engineering, engineering geology, and mining engineering. Your input will help turn speculations into solid facts!

This survey is part of the "Generational Dialogue in Geotechnics" session at the Geomechanics Colloquium 2025. Survey participants can also receive the results via email.

YOUNG MEMBERS MEET

As in previous years, the 'Joint Young Members Austria' invite young engineers to an exchange of experiences and interests on the evening before the colloquium in the

„Die Weiße“ www.dieweisse.at; 08.10.2025, Start 08:30 p.m.

REGISTRATION AND PAYMENT

All participants are asked to complete the online registration form which can be found on the website of the [Geomechanics Colloquium](#). After registration, you will receive an invoice. Please, specify by all means the **invoice number** as well as the **name of the participant** on the money transfer voucher.

Please use the online registration form also for multiple applications. There you are able to register several participants at once!

The registration is only valid after payment. You are able to pay by bank transfer or credit card. Following credit cards will be accepted: Visa, Master Card.

The payment has to be in Euro (€) and „**free of charge for the beneficiary**“.

CANCELLATION

Please understand that we can only accept a written cancellation. When cancelling before the 1st of October 75 % of the fee will be refunded. If you are unable to attend or cancel later than the above-mentioned date, no refund can be granted. The conference documents will be mailed on demand at receipt of payment.

We, however, gladly accept a substitute participant without demanding any additional charges.

ACCOMMODATION

For the conference participants special conditions with hotels in each category are available. Please note that the booking has to be done by the conference organizer. Therefore, please book online on the symposium website (www.geomechanics-congress.com). On the website a table summarizes all hotels with respective conditions in vicinity of the symposium venue.

GENERAL LANGUAGES

The conference languages at the Geomechanics Colloquium will be German and English. Simultaneous translation will be provided.

TECHNICAL EXHIBITION

Exhibition space and facilities accompanying the conference will be available at the symposium venue. Due to the great demand, interested companies are advised to **book early**. For further information, please contact the office of the Austrian Society for Geomechanics (salzburg@oegg.at). A list of the current exhibitors can be found on the website (www.geomechanics-congress.com).

HTL PROGRAM

The talents of tomorrow meet the companies of today!

As part of our congress, we are once again inviting HTL students to actively participate, network and gain their first insights into the world of work. This is a great opportunity for companies: use our exhibition area to present yourself as an attractive employer and get in touch with potential specialists of tomorrow at an early stage!

With a stand at the congress, you can show directly on site what makes your company special - and arouse the interest of motivated young talent.

Take part now - and help shape the future!

CHILDCARE

So that you can concentrate fully on the congress, we are offering **free** childcare for children aged 3 to 9 on site for the first time.

Childcare is available for the entire duration of the event and is provided by experienced staff.



Childcare times are as follows:

Wednesday (workshops)	8:00 a.m. –6:00 p.m.
Thursday	8:00 a.m. –6:00 p.m.
Friday	8:00 a.m. –2:00 p.m.

Important:

Childcare must be registered as **part of the registration** process. Please state the number, age and names of the children.

Please note that childcare places are limited and registration must be completed by 25.08.2025 at the latest.

GENERAL PROCEEDINGS

The papers of the Salzburger Geomechanics Colloquia are published by Wilhelm Ernst & Sohn Verlag, Berlin, Germany, in the bi-monthly periodical of the Austrian Society for Geomechanics.

GEOMECHANICS AND TUNNELLING

The journal can be ordered at:

**Wilhelm Ernst & Sohn Verlag für Architektur und
technische Wissenschaften GmbH & Co. KG**

Rothestraße 21, 10245 Berlin, GERMANY

Tel.: +49 30 47031 200, Email: info@ernst-und-sohn.de

Web: www.ernst-und-sohn.de

**For members of the Austrian Society for Geomechanics the periodical
„Geomechanics and Tunnelling“ is free!**

MEMBERSHIP

To become member of the Austrian Society for Geomechanics is worth it!

For the Geomechanics Colloquium, which is taking place every year in October, there are **reduced conference fees** for members. Also the bi-monthly periodical of the Austrian Society for Geomechanics „**Geomechanics and Tunnelling**“ (published in English/German) is **included in the membership fees**.

Members taking place at the Geomechanics Colloquium and getting the periodical „Geomechanics and Tunnelling“ save costs of more than EUR 200.00! Register on: www.oegg.at

LEOPOLD MÜLLER AWARD

For excellent doctoral theses with practical relevance in the area of rock mechanics and geological engineering the Austrian Society for Geomechanics awards annually the **LEOPOLD MÜLLER AWARD**.

The Austrian Society for Geomechanics invites to submit doctoral theses that apply a holistic approach - in the spirit of Leopold Müller - to geomechanics and geology and that correspond to the objectives of the Austrian Society for Geomechanics - accompanied by a short evaluation of the thesis by the university institute in question. Applications should be submitted **latest by the end of January 2026** online at the website of the Austrian Society for Geomechanics (www.oegg.at).

Further information regarding the Leopold-Müller-Award can be retrieved from our website: www.oegg.at.



OEGG- SUPPORT AWARD

The **OeGG - Support Award** has been awarded since 1995 for very well evaluated diploma theses in the field of geology and geomechanics, which were carried out at an Austrian university.

Further information regarding the OeGG-Support-Award can be retrieved from our website: www.oegg.at.

ADVERTISING OPPORTUNITIES

Take the unique possibility to become a sponsor of the Geomechanics Colloquium 2025 and put your company in perspective! The following tables give an overview of possible sponsorship packages. For details on each package please visit our website www.geomechanics-congress.com or contact the office of the Austrian Society for Geomechanics (salzburg@oegg.at).

Premium Packages		
Platinum	EUR 8,800	available
Gold	EUR 6,050	available
Silver	EUR 3,300	available
Congress dinner	EUR 5,000	available
Lunch (3 days)	EUR 6,050	available

Supporter Packages		
Conference bags - Partial sponsorship	EUR 3,000	available
Bullet Point	EUR 2,750	available
Mannerschnitten	EUR 2,750	not available
Machine	EUR 2,200	available
Scratchpad	EUR 1,870	not available
Detailed Program	EUR 1,650	not available
Web-Banner	EUR 1,100-3,000	not available
Banner	EUR 550-1,750	available
Key Strap	EUR 2,200	not available
Pocket Program	EUR 880	available
Advertising Supplement	EUR 550	available

FURTHER CONGRESSES

75TH GEOMECHANICS COLLOQUIUM 2026

The Austrian Society for Geomechanics is pleased to inform you that the 75th Geomechanics Colloquium 2026 will take place from October 08-09, 2026, to which you are cordially invited.

All details and information about our exhibition and advertising opportunities can be found on our website www.geomechanics-congress.com from 2026.

21ST INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND GEOTECHNICAL ENGINEERING 2026

The Austrian Geotechnical Society and the Austrian Society for Geomechanics are pleased to inform you that the „21st International Conference on Soil Mechanics and Geotechnical Engineering“ will take place from June 14-19, 2026, in Vienna, to which you are cordially invited.

All details and information about our exhibition and advertising opportunities can be found on our website at www.icsmge2025.org.

OUR SPONSORS

We would like to thank our current premium sponsors for their support!

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We would also like to thank our current conference supporters!



REGISTRATION FEES

Workshops Full Day

Registration	until 07/31/25	from 08/01/25
Regular participants	€ 220,-	€ 250,-
OeGG & ISRM members	€ 180,-	€ 200,-
Retired persons	€ 130,-	€ 170,-
Students*	€ 90,-	€ 100,-

Workshop Half Day

Regular participants	€ 140,-	€ 180,-
OeGG & ISRM members	€ 100,-	€ 120,-
Retired persons	€ 90,-	€ 100,-
Students*	€ 50,-	€ 60,-

Geomechanics Colloquium

Registration	until 07/31/25	from 08/01/25
Regular participants	€ 550.-	€ 600.-
OeGG & ISRM members	€ 450.-	€ 500.-
Retired persons	€ 250.-	€ 280.-
Students*	€ 100.-	€ 125.-

ATTENTION: From 10/01/25 a surcharge of € 50.- will be charged!

* „Students“ are persons under 26 years of age, enrolled at a University (without regular salary).
At the online registration a valid study record has to be uploaded.

Social Program

Excursion A (10/08/25)	€ 130.-
Excursion B (10/10/25)	€ 100.-
Chamber concert (10/09/25)	free
Buffet Dinner, Salzburg Congress (10/09/25)	free
Childcare (registration required by 08/25/25)	free

The Price includes:

The registration fee includes participation in the conference and the trade exhibition, the conference bag, the lunch buffet, the congress dinner and the chamber concert on Thursday, October 09th.

You will receive your name badge (participant card) as well as all other conference documents exclusively at the conference desk in the congress center. (NO participant documents will be sent out!).

You need a user account at OeGG-Omnia to log in. If you already have an account (e.g. your member account), please use this.

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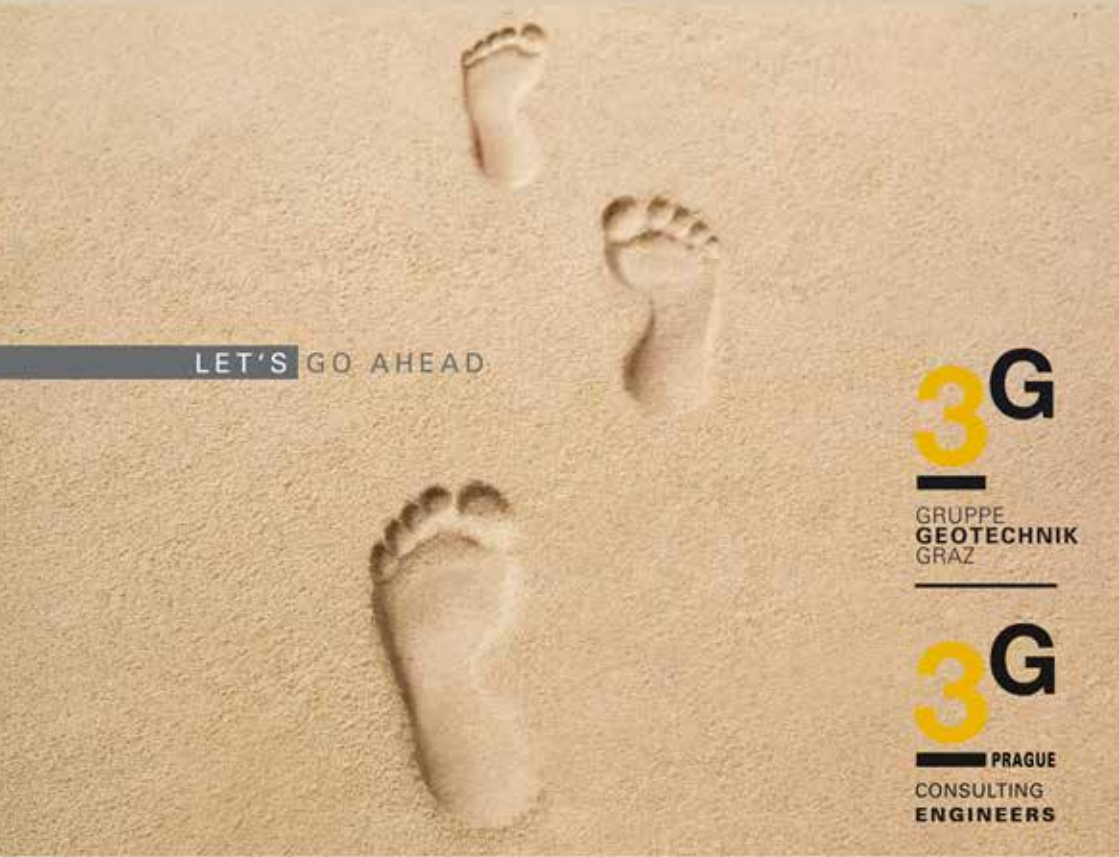
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