



*Sachtleben Bergbau  
Verwaltungs-GmbH*

# 5<sup>th</sup> Meggen Raw Material Days

**11 – 13 September 2019**

**Lennestadt-Meggen, Germany  
Sauerland Pyramids**

## **Organisation / Sponsors**

BDG Berufsverband Deutscher Geowissenschaftler e.V.

BDG-Bildungsakademie e.V.

Tracto-Technik GmbH & Co. KG

Sachtleben Bergbau Verwaltungs-GmbH

**Wednesday, 11 September 2019**

**9:00 am - 5:00 pm / Conference Day 1**

**Circular Economy in Exploration and Mining**

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- **Raw Materials for Europe within the Framework of Sustainability, Innovation and Circular Economy** (Dr. Karen Hanghøj, EIT Raw Materials, Germany)
  - **Sustainable Economy in European Mining** (Dr. Corina Hebestreit, Euromines, Belgium)
  - **German Raw Material Policy and its European View** (Dr. Peer Hoth, BMWi, Germany)
  - **Geo-ethics and Social Responsibility in Geoscience** (Dr. Alena Bleicher, Helmholtz UFZ, Germany)
  - **Environmental Hazard Potentials of Mining** (Jan Kosmol, UBA, Germany)
  - **Copper Exploration - Investing in Europe** (EurGeol. John Clifford, Ireland)
  - **Remote Sensing in Mineral Exploration** (EurGeol. Dr. Arda Arcasoy, MJD, Turkey)
  - **Resource to Product - The Reconciliation Process** (David Tutton, DAT Mine Consulting, Germany)
  - **The EU-Project "CHPM 2030 Metals and Brines"** (Máté Oswald, University of Szeged, Hungary)
  - **The EU-Project "INFACT"** (EurGeol. Prof. Dr. Marko Komac, EFG, Belgium)
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**Conference Dinner at Galileo Park, Sauerland Pyramids**

**Thursday, 12 September 2019**

**9:00 am – 5:00 pm / Conference Day 2**

**Exploration and Mining in Germany and Central Europe**

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- **Resources for Germany** (Prof. Dr. Christoph Hilgers, Think Tank Baden-Württemberg, Germany)
- **Sand and gravel - Influences of exploration results on resource calculation and the design of production systems** (Prof. Dr. Ing. Martin Kirschbaum, MIRO, Germany)
- **Germany's View on UNFC** (Dr. Antje Wittenberg, BGR, Germany)
- **The United Nations Framework Classification for Resources, Anthropogenic Resources** (Dr. Ulrich Kral, UNFC, Austria)
- **Exploration in Scandinavia and Greenland** (Sören Jensen, Skand. Highlands, Denmark)
- **The UNFC and its international Groundwater Classification Approach** (Prof. Marco Petitta, Sapienza Universität of Rome)
- **Mineral Deposits of Hungary** (Dr. Zoltán Horváth, MBFSZ, Hungary)
- **Lithium in Oil- and Gasfield Brines from the North-German Basin – Opportunities and Challenges** (Dr. Dennis Krämer, Jacobs University Bremen, Germany)
- **Deep Drilling for Oil, Gas and Geothermal Heat** (Prof. Dr. Matthias Reich, TU Freiberg, Germany)
- **Visit of the Tracto-Technik manufacturing facilities and guided underground tour in Ramsbeck lead-zinc underground museum**

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**Dinner at Ramsbeck visitor mine and mining museum**

**Friday, 13 September 2019**

**9:00 am – 4:00 pm / Short Course**

**Potential and Limits of Geophysics for Mining Exploration**

Lecturer: Dr. Dirk Orlowsky, DMT-GmbH & Co. KG, Exploration & Engineering Geophysics, Germany

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The worldwide mining exploration demands high quality and cost-effective geophysical methods. Nowadays, it is well understood that the application of one geophysical technique, only, is rarely sufficient to identify new ore deposits especially for deep mining projects. Each additional geophysical method applied, progressively adds more information towards making the most important decision to drill-test targets. It is extremely necessary to improve the geological interpretation of recorded geophysical data (anomalies) leading to a better understanding of the defined exploration targets.

In order to explore new deposits, or to better understand operating mining areas, Geophysicists can choose from a variety of different geophysical techniques, depending on the conditions of the deposit. Within this seminar, potentials and especially the limits for a variety of geophysical techniques will be presented. Furthermore it will be shown, in which way different methods can be combined for an easier and faster geological interpretation and for the generation of a better geological model of the deposit.

**Venue:**

**GALILEO-PARK · Sauerland Pyramiden 4-7  
57368 Lennestadt/Meggen, Germany**

**Sponsoring / Organisation:**

**TRACTO-TECHNIK GmbH & Co. KG**

TT Headquarters

Paul-Schmidt-Straße 2, 57368 Lennestadt, Germany

TRACTO-TECHNIK is a mechanical engineering company which develops and manufactures drilling equipment and drilling rigs. It is known worldwide for its development of the GRUNDOMAT soil piercing tool as well as for the development of key-hole technologies to install house connections, and continues to be the world market leader. Further developments are the GRUNDODRILL HDD-rigs for directional horizontal drilling, GRUNDOBURST burst lining tools for pipe renewal. TRACTO-TECHNIK has yet again been included in the TOP 100 and has received numerous prestigious awards for innovation. The company has over 509 patents and is active in over 50 countries.

**Sachtleben Bergbau Verwaltungs-GmbH**

Wollbecke 1, 57368 Lennestadt, Germany

Sachtleben Bergbau Verwaltungs-GmbH is responsible for the administration and management of mining leases as well as the management of companies in the affiliated group in the field of mining and the implementation of related activities: mine dewatering and treatment of mine water, remediation, reclamation of mining areas such as dumps and tailing ponds, abandoned mines, mine closure and mine surveying activities. It further offers consulting services in the fields of exploration, resource estimation and resource reporting.

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**Berufsverband Deutscher Geowissenschaftler e.V.**

Lessenicher Str. 1, 53123 Bonn, Germany

The BDG Berufsverband Deutscher Geowissenschaftler e.V. (German Professional Association of Geoscientists) is the professional representation of geologists, geophysicists, mineralogists and other geoscientists in Germany. Its 2,200 members, thereof 128 corporate members, are mainly derived from industry and business, from governmental and administrative functions, from geo-consultancies and independents as well as from academic and research institutions. The BDG actively promotes the professional situation of the geoscientists in Germany by efficiently and prudently lobbying in public, politics, geo-related professions and organizations and by offering comprehensive services to its members.

I register for:

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**11 September 2019, 9:00 am – 5:00 pm / Conference day 1  
Circular Economy in Exploration and Mining**

- Registration fee 270 EUR       BDG Members / EurGeol. fee 216 €
- Members of cooperating organisations\* 243 €
- Conference Dinner (11.09.2019) Galileo Park 25 EUR**
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**12 September 2019, 9:00 am – 5:00 pm / Conference day 2  
Exploration and Mining in Germany and Central Europe**

- Registration fee 270 EUR       BDG Members / EurGeol. fee 216 €
- Members of cooperating organisations\* 243 €
- Dinner (12.09.2019) Ramsbeck visitor mine and mining museum  
10 EUR**
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**13 September 2019, 9:00 am – 4:00 pm / Shourt Course  
“Potential and limits of geophysics for mining exploration”**

- Registration fee 270 EUR       BDG Members / EurGeol. fee 216 €
- Members of cooperating organisations\* 243 €
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Coffee and lunch is included. Special discounts for students are available on request.

**Every day can be booked separately. When booking multiple days the fee will be reduced by 50% per additional booked event. The number of participants is limited.**

- 10 % early bird discount by registration before 14 June 2019

Deadline for registration: 14 August 2019

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\*Cooperating organisations:  DGGV,  PalGes,  DEUQUA,  DMG,  VGöD,  ITVA,  DGG,  VBGU,  DGFZ,  OGV,  DTTG,  GDMB,  RBV

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Invoice address:

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Place, Date	Signature
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- I accept the terms and condition (see [www.die-ba-bdg.de](http://www.die-ba-bdg.de)).
  - I have read and accept the privacy policy.
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