



*Sachtleben Bergbau
Verwaltungs-GmbH*

2. Meggener Rohstofftage

2nd Meggen Days of Mineral Resources

14 – 16 September 2016

**Lennestadt-Meggen, Germany
Sauerland Pyramids**

**Organisers: BDG Berufsverband Deutscher
Geowissenschaftler e.V., Tracto-Technik GmbH &
Co. KG and Sachtleben Bergbau Verwaltungs-GmbH**

Wednesday, 14 September 2016 / short course

10:00 am - 5:00 pm

Mineral Resources

Workshop: Modelling Spatial Variability in Complex Deposits

Speakers: René Prissang, FU Berlin
EurGeol. Dr. Bernd Schürmann, AMSTRA

Workshop: Mineralogical Evaluation of Mineral Resources and Products

Speakers: Dr. Rainer Lehne, Lehne & Associates and Dr. Heinz-Jürgen Bernhard, Ruhr-University Bochum

Part 1: Mineralogy as Decisive Factor in the Evaluation and Exploitation of Mineral Resources

Part 2: Ore Microscopy and Other Methods for the Characterisation of Ore Minerals and their Intergrowth

Target Audience: These workshops aim at geoscientists who evaluate resources and resource projects according to international standards and criteria. The workshops are held in English and are recognized as training courses for European Geologists.

To ensure workshops of the highest quality, participation is limited.

In the evening of the workshop, participants are invited to a guided tour of the museum Sicilia Shaft from the abandoned mine in Meggen. This will be followed by drinks and a barbecue.

Thursday, 15 September 2016

9:00 am – 5:00 pm

Mineral Resources / Conference Day


Annual meeting of the BDG-Forum of raw material Geologists und European Geologists

- **Tackling the Crisis in Mineral Exploration** (Dale Schilling, Boston Consulting Group)
- **Introduction of the Raw Materials Initiative for Germany (and Europe). An Initiative to Enhance the Image of the Raw Materials Sector and Create Greater Scope for Action.** (Knut Ansgar Hirsch, DMT)
- **Operative Deposit Modelling – a Prerequisite for “real-time-mining”** (Rene Prissang, FU Berlin, und EurGeol. Dr. Bernd Schürmann, Fa. Amstra)
- **Breitenau Magnesite Mine - the First 20 Years of Operative Deposit Modelling** (Klaus Weidner, RHI AG)
- **Grade Reconciliation Based on 3D Models and Production Data** (EurGeol. Johann Gotsis, SST)
- **Fiscal and Cost Impact on Mining Projects in Different Countries** (David Tutton, DAT Mine Consulting)
- **Exploration and Discovery in the Timok Magmatic Complex, Serbia** (Dr. Duncan Large)
- **Goldexploration in Neualbenreuth / Bavaria** (EurGeol. Dr. Eckhard Walcher, Geobüro Walcher, SBV)
- **Mineral Exploration and Mining in Nordic Countries, including Greenland** (Sören L. Jenssen und Mikkel L. Vognsen, Scandinavian Highlands)
- **CRONIMET – From a Worldwide Specialist for Stainless Steel Scrap to a Raw Materials Supplier** (Andreas Grundel, Cronimet Mining AG)

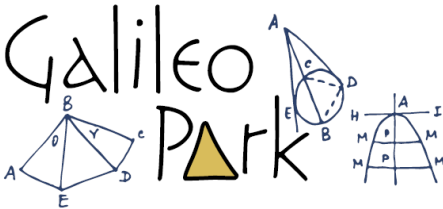
Friday, 16 September 2016

9:00 am – 4:00 pm

Natural Resources / Conference Day Geothermal Energy

- **The EU-Kindra-Project** (Dr. Isabel Fernandez, EFG)
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- The logo for KINDRA features a stylized green mountain range on the left, with the word "KINDRA" in a bold, green, sans-serif font to its right. Below the mountain range is a blue and white grid pattern that tapers to the right.
- **Experiences in the Stress Field of Mining and Groundwater Management** (Dr. Walter Lenz, HG Büro für Hydrogeologie und Umwelt GmbH)
 - **Production of Shale Gas and Geothermal Energy – Pros and Cons of Fracking** (Prof. Dr. Hans-Joachim Kämpel,)
 - **Geothermal Energy – Status, Evaluation, Review and Permission Practise** (Friedrich W. Wagner und Ernst-G. Weiß, Bezirksregierung Arnsberg, Abt. 6 – Bergbau und Energie in NRW)
 - **Automatic Seismic Processing of Induced Events in the Geothermal Systems Landau and Insheim, Germany** (Kai Olbert, Univ. Kiel)
 - **Heat Mining in the Sicilia Shaft of the Meggen Mine** (EurGeol. Dr. Michael Neumann, SBV)
 - **Real-time Radar Detection of Underground Structures in Front of the Drillhead** (EurGeol. MBA Andreas Hagedorn, Tracto Technik)
 - **Heat for the World – The Earth as a Supplier. Geothermal Energy for District Heating in Germany** (Waldemar Müller-Ruhe, Anger's und Söhne)
 - **Deep Geothermal Energy in Germany – What did we already achieve and how could future developments look like?** (Dr. Claus Heske, International Geothermal Office)
 - **Geothermal Energy – Solutions in Rail Infrastructure** (Michael Funke, Dibaucó)

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



About the organisers:



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 burstlining tools for pipe renewal and GEODRILL drilling rigs for radial and vertical drilling. 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.



Berufsverband Deutscher Geowissenschaftler e.V.

Lessenicher Str. 1, 53123 Bonn, Germany

The BDG is the German association of professional geologists, geophysicists, mineralogists and other earth scientists.

Responsibilities of the BDG include ensuring the professional position of its members, representing the profession before the legislature, the public and neighbouring professions.

I register to:

- 14. September 2016 10:00 am – 5:00 pm**
Mineral Resources / short course
Registration fee 258 EUR

- Barbecue 14.09.2016 (free)**

- 15. September 2016 9:00 am – 5:00 pm**
Conference Day on Mineral Commodities
Registration fee 258 EUR

- Dinner at 15.09.2016 25 EUR / person**

- 16. September 2016 9:00 am – 4:00 pm**
Conference Day on Geothermal Energy
Registration fee 258 EUR

Every day can be booked separately. When booking multiple events at the 2nd Meggen Resource Days the subscriber fee will be reduced by 50% per additional booked event. Participation is limited.

- 10 % early bird rebate by registration before 17. Juni 2016

Deadline for registration: 17. August 2016

name

first name

e-mail: _____

invoice adress:

place, date

signature

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