



TECHNISCHE UNIVERSITÄT  
BERGAKADEMIE FREIBERG

Die Ressourcenuniversität. Seit 1765.



# Society Of Mining Professors

## 26<sup>th</sup> Annual General Meeting

### Freiberg, Germany

### 21-26 June 2015

**Meeting & Conference Circular**

#### Organization & Contact Information:

Phone +49(0)3731 39-2893 (Office)  
+49(0)3731 39-3602 (Program)  
+49(0)3731 39-3482 (Organization)  
Fax +49(0)3731 39-2087  
e-mail [somp2015@mabb.tu-freiberg.de](mailto:somp2015@mabb.tu-freiberg.de)  
Web [tu-freiberg.de/en/somp2015](http://tu-freiberg.de/en/somp2015)





# **26<sup>th</sup> Annual General Meeting & Conference**

**21-26 June 2015**

**Freiberg, Saxony, Germany**

## **Contents**

- 1. Message from the Chairmen**
- 2. Venue Information**
- 3. Preliminary Program**
- 4. Registration & Payment**
- 5. Accommodation**
- 6. Visa Information**
- 7. Contact Information**
- 8. City Map of Freiberg**

# 1. Message from the Chairmen

Dear members of the Society of Mining Professors,

With great pleasure we are inviting you to the 26th Annual General Meeting of the Society of Mining Professors 2015 in Freiberg. We are happy to announce that on the occasion of its 250th anniversary, the *TU Bergakademie Freiberg* as the oldest mining university of the world, will be hosting this year's conference as part of its festive activities.

The Annual Meeting of SOMP will take place in Freiberg, Saxony, Germany from 21-26 June 2015 and we are looking forward to a meeting that will contribute to a fruitful conferencing, cooperation and sharing of knowledge among the members of the society. The focus of this meeting will be on mining engineering education & future mining, while key-note speakers will present the status of the German mining industry in a globalized environment.

Besides the technical and official sessions, the participants of this year's annual meeting and their partners will also be experiencing the cultural heritage and rich mining history of this part of Germany, the *Erzgebirgsregion* (literally translating into "ore mountains region"), and also may attend the scientific conference "*Freiberger Forschungsforum*" and many cultural events in the town of Freiberg.

Therefore, we would like to warmly welcome you to the 26<sup>th</sup> SOMP Annual Meeting and Conference in Freiberg.

With kind regards and a cordial "Glück Auf"



**Professor Dr. Helmut Mischo**  
President of SOMP



**Professor Dr. Carsten Drebenstedt**  
Meeting Coordinator

## 2. Venue Information

### Meeting Venue

The 26<sup>th</sup> SOMP Annual General Meeting will be hosted in a banquet hall in the “*Ratskeller Freiberg*”, a medieval building constructed in 1545 as a municipal department store. Located directly on the northern edge of the *Obermarkt*, the building lies in the middle of the city center. In former days the building was used for social events like receptions of royals, masked balls and theatre plays. Restored in 1986 the hall is nowadays used for festive receptions and conferences, while on the ground floor you can find a restaurant.



The hall is quite spacious and can seat up to 240 attendants. Additional rooms are available to host all the individual sessions and meetings of the committees. The meeting venue is within a walking distance of a few minutes from the main accommodation facilities as well as from all the main points of interest in the town center.



The hall of the meeting venue is located on the 1<sup>st</sup> floor of the building. Free access to Wi-Fi will be available to all participants in the meeting venue.





## History of Freiberg

Freiberg (German for "free mountain") is a university and mining town in the Federal State of Saxony, Germany. It is a so-called *Große Kreisstadt* (large county town) and the administrative center of the *Mittelsachsen* district (Middle Saxony). The town has a population of about 45,000 inhabitants.

Freiberg was founded in 1186 by Otto the Rich (*Otto der Reiche*) Margrave of Meissen, who had the great idea of allowing free men to dig for silver ore in Freiberg and thus became the inventor of free commerce in Europe. The silver mining in Freiberg made him and his family, as well as the whole of Saxony, rich for hundreds of years.



This is one of the reasons why the kingdom of Saxony kept its independence within the German domain until the XIXth century. Freiberg quickly became the major town and economic center of the whole ore mountain mining region.

Its historic town center has been placed under heritage conservation and is a chosen site for the proposed UNESCO World Heritage Site known as the Ore Mountain Mining Region. Until 1969, the town had been dominated for around 800 years, by the mining and smelting industries.



In recent decades it has been restructured into a high technology site in the fields of semiconductor manufacture and solar technology, part of Silicon Saxony. The two pictures represent the *Obermarkt* (up) and *Untermarkt* (left), the two main historical squares in Freiberg.

## TU Bergakademie Freiberg

The mining academy was founded by Prince Franz Xaver in 1765 and today is the oldest mining and metallurgy university in the world, celebrating its 250th birthday this year.

Currently the Technical University consists of six faculties (Mathematics and Informatics; Chemistry, Biology and Physics; Geoscience, Geoengineering and Mining; Mechanical Engineering; Material Sciences; Business Administration and Economics).



## Highlights & Sightseeing

In Freiberg, you may visit still active mines, albeit used only for education, research, and tourism. Silver, the primary commodity over many centuries, is no longer mined today, but the heritage of silver mining is evident wherever you go. The university took the opportunity of making its history ready for the future by owning and operating the *Forschungs- und Lehrbergwerk* (Experimental and Educational mine) including two historical mines, the "*Reiche Zeche*" and the "*Alte Elisabeth*". The many well-preserved buildings bear witness to Freiberg's splendid past. Not only the legendary mining heritage, but also its unique medieval architecture make the town a charming tourist destination. Surrounded by magnificent patrician houses on the *Obermarkt*, the statue of Otto the Rich proudly overlooks the 15<sup>th</sup> century city hall. Nearby, the oldest municipal theater in the world is nowadays a busy cultural focal point.



Another highlight is the late Gothic Cathedral "*Freiberger Dom*", which dominates the skyline of the "*Untermarkt*" (Lower Market) and has several aspects that make it unique. Two of the famous baroque *Silbermann* organs are found here, making an organ concert an absolute must for every visitor. The cathedral's art treasures include the *romanesque Goldene Pforte* (Golden Portal), the burial chapel of the Saxonian kings, and the tulip-shaped pulpit.



Freiberg offers some fascinating museums and collections. Well worth a visit are both the Municipal History and Mining Museum and the University's famous *Terra Mineralia* (a mineral collection with 3,500 extensive specimen from all over the world). The 12<sup>th</sup>-century Castle *Freudenstein* has become a home to the state mining archives and the world's largest and most exciting mineral collection organized by the university. Visitors can enjoy a stunning mineralogical tour of remarkable, exquisite minerals and explore German mining history. Follow the trail of the rocks and discover some of the world's most colorful gems in a new light. Visit the stunning treasure chamber where some of the world's most beautiful and largest minerals are shown.



You will find the journey fascinating, as it will lead you to always new and exciting places. No matter how old you are or whether you are a scientist, a mineral collector or a tourist - the *Terra Mineralia* will amaze everyone. The exhibition will show you how minerals have shaped and changed everyday life and also have influenced technology and culture. If you wish to be a real mineralogist for one day, just visit the research platform and seize the opportunity to get a real insight into minerals at special microscopes.

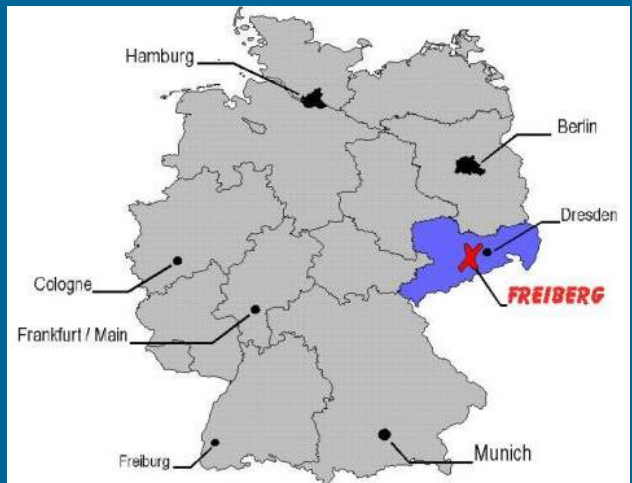




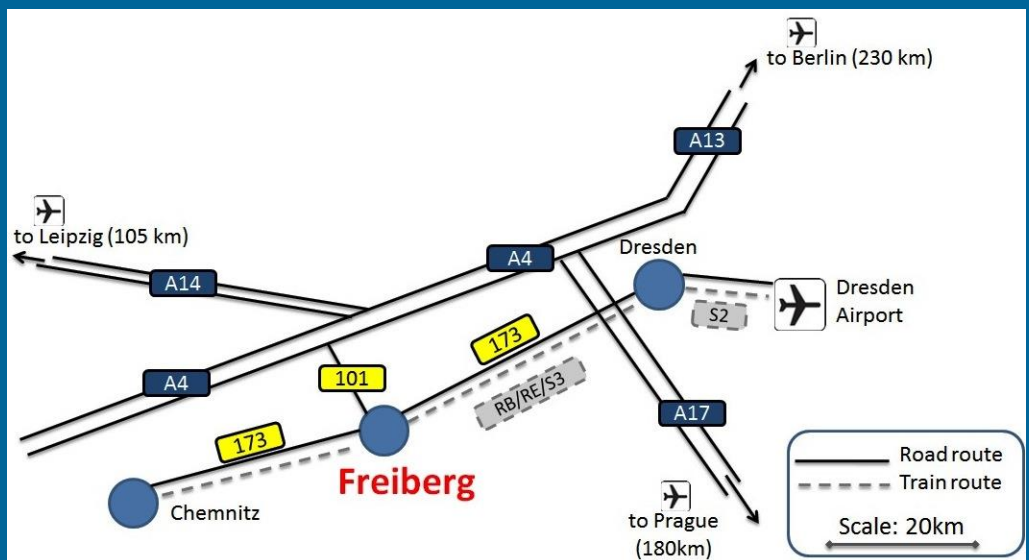
## Travelling to Freiberg

Freiberg does not have an own airport and the closest international airports are in Dresden, Berlin, Leipzig and Prague (Czech Republic).

Dresden airport serves many low-fare airlines from almost everywhere in Europe. Lufthansa and several other big airlines also offer combinations to and from Dresden airport in connection with their regular international flights to the big German airports in Munich and Frankfurt.



Freiberg is well connected with Dresden by train, with a 40-50min trip in new comfortable regional trains every one hour, even more frequently during rush hours. You can manage your travel through the German rail webpage [www.bahn.de/p\\_en/view/index.shtml](http://www.bahn.de/p_en/view/index.shtml).



Freiberg also has offices of several international car rental companies, thus the town is reachable from any of these airports with a one-way car rental.

### 3. Preliminary Programs

Below you can find the preliminary program for the annual meeting, conference and cultural events.

#### Preliminary Conference Program

##### Sunday, 21<sup>st</sup> June

Arrival, Evening-Registration

Welcome evening at Freiberg Mineral Exhibition (*Terra Mineralia*)

##### Monday, 22<sup>nd</sup> June

Registration

Council Meeting & Committee Meetings

Welcome & Opening Session

Key-note Session

Opening of Poster Session

SOMP gala dinner at the traditional Freiberg Brewery

##### Tuesday, 23<sup>rd</sup> June

General Business Session

Breakaway Session 1 (*Future Mine Project*)

Breakaway Session 2 (*Internationalisation of Mining Education*)

Session 1a (*New Developments and Challenges in Mining Education*)

Session 1b (*New Developments and Challenges in Mining Education*)

Boat tour through the city of Dresden, dinner on board

##### Wednesday, 24<sup>th</sup> June

Session 2 (*New Strategies, Evaluations & Re-assessments on Mineral Resources*)

Session 3 (*New Technologies in Mining Engineering*)

Session 4 (*Geotechnical Engineering and Mining Safety Optimization*)

Handover of Flag & Closing Ceremony

BBQ above the roofs of Freiberg

##### Thursday, 25<sup>th</sup> & Friday, 26<sup>th</sup> June

Excursion to underground potash mines (K&S)

Excursion to lignite open pit mine at Nochten (Vatterfall)

25-28, June 2015: 30<sup>th</sup> Annual Freiberg City Festival (*Bergstadtfest*), featuring a large number of social and cultural events; for more information please refer to the relevant links on the SOMP 2015 webpage.

Below you can find the preliminary program for the spouses and other accompanying people including visits and cultural events. Detailed information regarding the places to be visited can be found on the official SOMP 2015 webpage: [tu-freiberg.de/en/somp2015](http://tu-freiberg.de/en/somp2015)

### Preliminary Accompanying People Program

#### Sunday, 21<sup>st</sup> June

Arrival, Evening-Registration

Welcome evening at Freiberg Mineral Exhibition (*Terra Mineralia*)

#### Monday, 22<sup>nd</sup> June

Visit of *Terra Mineralia* and the historical city center of Freiberg

SOMP gala dinner at the traditional Freiberg Brewery

#### Tuesday, 23<sup>rd</sup> June

Visit of historical City Centre of Dresden and the Green Vault (Grünes Gewölbe)

Boat tour through the city of Dresden, dinner on board

#### Wednesday, 24<sup>th</sup> June

Visit of the city of Meissen and the Meissen Porcelain Manufactory and Museum

BBQ above the roofs of Freiberg

#### Thursday, 25<sup>th</sup> & Friday, 26<sup>th</sup> June

Excursion to underground potash mines (K&S)

Excursion to lignite open pit mine at Nochten (Vatterfall)

25-28, June 2015: 30<sup>th</sup> Annual Freiberg City Festival (*Bergstadtfest*), featuring a large number of social and cultural events; for more information please refer to the relevant links on the SOMP website.

## 4. Registration & Payment

### Registration Procedure

Registration can be carried out through the online registration system in the official SOMP 2015 webpage. Alternatively, participants can fill in the registration form found on the webpage and send it back to the organizing committee via e-mail or fax. Cancellation policies can be found in the official webpage. Early registration is of outmost importance and of significant help to the organizing committee.

### Registration Fees

The fees for the annual meeting participants include the attendance of all conference sessions & events as well as all conference materials including proceedings.

The fees for PhD students that are not young members of SOMP include the attendance of all conference sessions & events (except the river boat trip) .

The fees for spouse and accompanying people include the attendance at a special program & meeting events.

Registration fees do not include accommodation and excursions to mining sites.

	Registration
SOMP members / Senior scientists	€ 600,00
Young SOMP members	€ 300,00
Retired/Emeritus SOMP members	€ 300,00
Spouse/Accompanying people	€ 200,00
PhD students	€ 100,00*
Optional excursions	
25 <sup>th</sup> June Visit to underground mines	€ 45,00
26 <sup>th</sup> June Visit to open-pit mine	€ 45,00

\*The Fees for PhD students do not include the River Boat Trip on Tuesday 23<sup>rd</sup> June and conference proceedings. In case of full attendance, an additional fee of € 100,00 is required.



## Payment Methods

Once the participants have submitted their registration, they will be asked to proceed to the payment of the fees using the following alternatives:

### 1. Payment upfront by making a deposit to a bank account

Participants can make a deposit to the following bank account.

Beneficiary : Hauptkasse Sachsen  
Bank : Ostsächsische Sparkasse, Dresden, Germany  
IBAN : DE09 8505 0300 3155 8250 05  
BIC/Sort Code : OSDDDE81  
Payment purpose: 7040/00227-6 031002068/69  
SOMP 2015, Your Full Name

### 2. Payment upfront with credit card

Participants are able to pay upfront with their credit cards by filling their credit card details in the registration form found on the SOMP webpage and sending it back to the organizing committee.

### 3. Payment upon arrival with cash or credit card

Participants can also pay the fees with cash or credit card upon their arrival. For this way of payment credit card details are required upfront, for deposit purposes. The credit card details can be sent to the organizing committee by filling in the registration form.

\*The local organizing committee guarantees the privacy and security of all bank accounts and credit cards details.

## 5. Accommodation

Participants of SOMP 2015 are kindly requested to arrange their accommodation as early as possible due to ongoing activities in Freiberg. Below you may find information to help you arrange your accommodation.

### Accommodation arrangement through municipality administration

The local organising committee has reserved rooms for the attendants in three hotels in Freiberg (*Hotel Alekto*, *Hotel am Obermarkt*, *Hotel Kreller*) which are within walking distance from the meeting venue. Should you wish to book your accommodation through the administration, please fill in and send back to us the Accommodation Form, until 31<sup>st</sup> March 2015. The form is available in the official SOMP 2015 webpage .

### Individual accommodation arrangement

Participants wishing to book their accommodation on their own may consult the following list of hotels or visit established booking websites like [www.booking.com](http://www.booking.com) & [www.agoda.com](http://www.agoda.com). As many of the hotels listed do not have an English version on their webpages, you may find useful information about most of the hotels here: [www.hotel.info](http://www.hotel.info) in English language.

Hotel Name	Stars	Webpage Link
1. Hotel Alekto	★ ★ ★ ★	<a href="http://www.alekto.de">www.alekto.de</a>
2. Hotel am Obermarkt	★ ★ ★	<a href="http://www.hotel-am-obermarkt.de">www.hotel-am-obermarkt.de</a>
3. Hotel Brauhof	★ ★ ★ ★	<a href="http://www.freiberger-brauhof.de">www.freiberger-brauhof.de</a>
4. Hotel Kreller	★ ★ ★ ★	<a href="http://www.hotel-kreller.de">www.hotel-kreller.de</a>
5. Hotel Silberhof	★ ★ ★	<a href="http://www.hotel-silberhof.com">www.hotel-silberhof.com</a>
6. Hotel Goldener Stern	★ ★ ★	<a href="http://www.goldener-stern.com">www.goldener-stern.com</a>
7. Hotel Brander Hof	★ ★ ★	<a href="http://www.hotel-brandner-hof.de">www.hotel-brandner-hof.de</a>
8. Hotel Zur Kutsche	★ ★ ★	<a href="http://www.hotel-zur-kutsche.de">www.hotel-zur-kutsche.de</a>
9. Pension Fischer	★ ★ ★	<a href="http://www.pension-fischer-freiberg.de">www.pension-fischer-freiberg.de</a>
10. Hotel Mauck'sches Gut	★ ★ ★	<a href="http://www.maucksches-gut.de">www.maucksches-gut.de</a>
11. Pension Kröne	Bed&Breakfast	<a href="http://www.pensionen-reichel.de">www.pensionen-reichel.de</a>
12. Pension Altstadt	Bed&Breakfast	<a href="http://www.zuchan.de">www.zuchan.de</a>
13. Pension am Hirtenplatz	Bed&Breakfast	<a href="http://www.pension-hirtenplatz.de">www.pension-hirtenplatz.de</a>
14. Gästehaus Heidi	Bed&Breakfast	<a href="http://www.freiberg-pension.de">www.freiberg-pension.de</a>
15. Pension St. George	Bed&Breakfast	<a href="http://www.pension-stgeorg.com">www.pension-stgeorg.com</a>
16. Hotel Blaue Blume	Bed&Breakfast	<a href="http://www.blaue-blume-freiberg.de">www.blaue-blume-freiberg.de</a>

### Hotel Alekto ★★★★★

Set in a historical registry-listed Art Nouveau building, this 4-star hotel in Freiberg enjoys quick connections to all over the city. The Hotel Alekto provides comfortably equipped rooms (68) in the heart of the historic Saxon town. The hotel is within a 10-minute walking distance from the meeting venue. Wi-Fi access is available in all areas as well as free parking. The staff speaks English

fluently and the reception desk is open 24 hours. The terrace in the garden is definitely a sight to see. Credit cards (American Express, MasterCard, Visa) are accepted for the payment of your accommodation.



### Hotel am Obermarkt ★★★★★



The hotel is located in one of the two central squares (*Obermarkt*) in the heart of Freiberg. Within a 3-minute walk are the *Freudenstein* Castle and the *Albertpark*, while the Freiberg Cathedral is only five minutes away and the meeting venue is located at the same square. The hotel has 33 comfortable rooms that feature TV, minibar and a seating area or desk. Free Wi-Fi and parking are available.

Credit cards (American Express, MasterCard, Visa) are accepted for payment of accommodation.

### Hotel Kreller ★★★★★

Kreller is also located in the heart of the old historical town of Freiberg. Just a few meters away from *Obermarkt* and the meeting venue. There are 51 cozy rooms, a 24 hours open reception and parking space for guests. The staff is speaking fluent English and are at your disposal for all your needs. Free Wi-Fi and cable TV are also available. You can settle the payment of your accommodation with credit cars (American Express, Diners, Visa and MasterCard).



## 6. Visa Information

The organizing committee of the 26<sup>th</sup> SOMP Annual Meeting & Conference will offer invitation letters to the participants that need to apply for a visa to be able to travel to Germany.

To find out whether you require a visa, please follow the link:

*[www.auswaeriges-amt.de/EN/EinreiseUndAufenthalt/StaatenlisteVisumpflicht\\_node.html](http://www.auswaeriges-amt.de/EN/EinreiseUndAufenthalt/StaatenlisteVisumpflicht_node.html)*

To see the list of German embassies and consulates worldwide, please follow the link:

*[embassy.goabroad.com/embassies-of/germany](http://embassy.goabroad.com/embassies-of/germany)*



## 7. Contact Information

The SOMP 2015 organizing committee consists of:

### Chair

Prof. Dr. Helmut Mischo, Germany (*TU Bergakademie Freiberg*)

Prof. Dr. Carsten Drebenstedt, Germany (*TU Bergakademie Freiberg*)

### International Scientific Board

Prof. Dr. Vladislav Kecojevic, USA (*West Virginia University*)

Prof. Dr. Ronny Webber-Youngman, South Africa (*University of Pretoria*)

Prof. Dr. Bruce Hebblewhite, Australia (*UNSW Australia*)

Prof. Dr. Peter Dowd, Australia (*The University of Adelaide*)

Prof. Dr. Oscar Jaime Restrepo Baena, Colombia (*Un. Nacional de Colombia*)

Prof. Dr. Pinyo Meechumna, Thailand (*Chulalongkorn University*)

Prof. Dr. Mario Cedron, Peru (*Catholic University of Peru*)

Prof. Dr. Michael Karmis, USA (*Virginia Polytec. Institute & State University*)

Prof. Dr. Holger Lieberwirth, Germany (*TU Bergakademie Freiberg*)

Prof. Dr. Oliver Langefeld, Germany (*TU Clausthal*)

Prof. Dr. Monika Hardygora, Poland (*Wroclaw University of Technology*)

Prof. Dr. David Lawrence, Australia (*University of New South Wales*)

### Local Organising Committee

M.Sc. Eng. George Barakos (*TU Bergakademie Freiberg*)

Dipl. Eng. Ralf Schlüter (*TU Bergakademie Freiberg*)

Dipl. Eng., Anne Dietze (*TU Bergakademie Freiberg*)

Dipl. Eng., Richard Eichler (*TU Bergakademie Freiberg*)

Address : Institute for Mining and Special Civil Engineering  
Gustav-Zeuner Strasse 1a, 09599, Freiberg, Germany

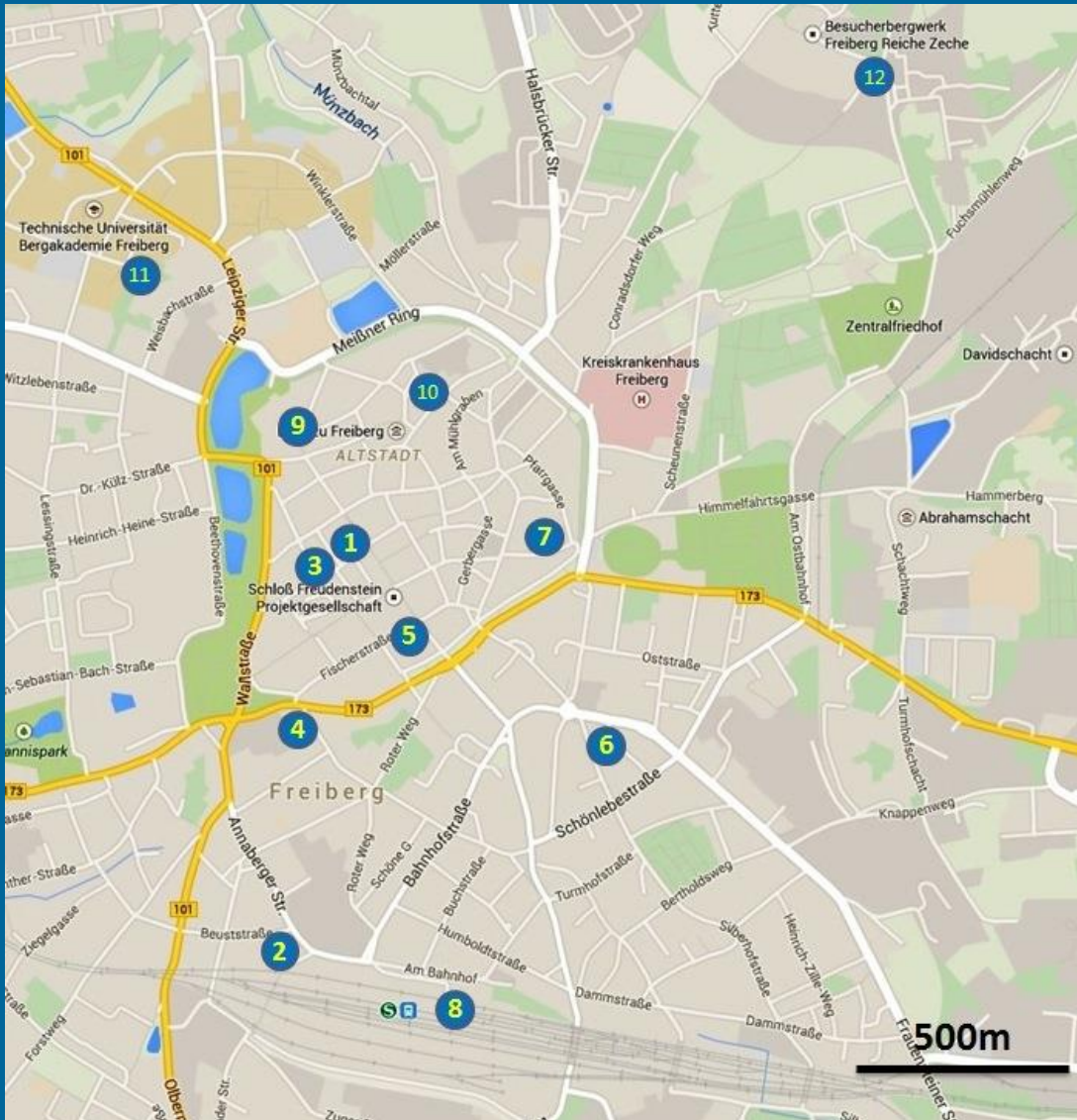
Phone : +49(0)3731 39-2893 (Office)  
          : +49(0)3731 39-3602 (Program)  
          : +49(0)3731 39-3482 (Organization)

Fax : +49(0)3731 39-2087

e-mail : [somp2015@mabb.tu-freiberg.de](mailto:somp2015@mabb.tu-freiberg.de)

Web : [tu-freiberg.de/en/somp2015](http://tu-freiberg.de/en/somp2015)

## 8. City Map of Freiberg



- |                                    |                               |
|------------------------------------|-------------------------------|
| 1. Meeting Venue                   | 7. Hotel Blaue Blume          |
| 2. Hotel Alekto                    | 8. Train Station              |
| 3. Hotel am Obermarkt              | 9. Terra Mineralia (Castle)   |
| 4. Hotel Brauhof (Official Dinner) | 10. Untermarkt                |
| 5. Hotel Kreller                   | 11. Institute of Mining TUBAF |
| 6. Hotel Silberhof                 | 12. Reiche Zeche Mine         |

*Ein Herzliches*

**Glück Auf**



250