



TECHNISCHE UNIVERSITÄT
BERGAKADEMIE FREIBERG

Die Ressourcenuniversität. Seit 1765.

TUBALUM

www.alumni.tu-freiberg.de

Alumni-Newsletter

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Dear alumni,

Next year our university will be celebrating the 250th anniversary of its foundation – which makes it the world's oldest mining university. As Anniversary

Coordinator I am doing some intensive work, with a team of colleagues, on giving our celebrations next year a very special brilliance.

The festive year will make the right kind of start on 6 March 2015 with the ceremonial inauguration of the „Historicum“ in the main university building. This will be just one of many impressive high points which will demonstrate the 250-year capacity of our Bergakademie for combining the tradition and the modern in truly unique fashion.

It will be a particular pleasure to welcome large numbers of you to a great reunion of alumni at the Anniversary Science and Economics Night in Freiberg on 20 June 2015. Our Alumni Coordinators, Dr. Constance Bornkampf and Stefanie Preißler, are right in the middle of planning an unforgettable weekend for you in the company of ex-fellow-students, old friends and new acquaintances, who all have one thing in common: their alma mater *Fribergensis*. You will find all the details of the anniversary events and the scientific conferences, the donor certificates from the „Technische Universität Bergakademie Freiberg“ foundation and other key information on the anniversary at the official anniversary homepage 250.tu-freiberg.de.

Kind regards and the miners' traditional greeting: Glück auf!

Claudia Baldauf, Anniversary Coordinator



Ideal conditions for teaching and research – formal opening of Haus Formgebung and the new chemical laboratory

Two construction projects on the campus were brought to a successful conclusion in mid-2014. In an official ceremony on 23 May the TU Bergakademie Freiberg repossessed its extensively reconstructed "Haus Formgebung". The structural renovation and the expanded range of equipment have brought about an appreciable improvement of the conditions for research, teaching and training. Those present at the inauguration included Sabine Schorlemer, the Minister of State for Science and Art, Andreas Handschuh, the Chancellor of the TU Bergakademie Freiberg, Silvia Rogler, the Vice-Rector for Education, and Bernd-Erwin Schramm, the Mayor of Freiberg. The renovation, reconstruction and new construction work took all of two years and cost around 16 million euros. The original 1960s building was renovated sensitively, preserving its status as a listed building, and acquired a modern annex in place of the previous laboratory wing.

Two weeks later, on 6 June, the university formally opened its new laboratory building at the

Clemens-Winkler building. Representatives of the Finance and Science Ministry and the university joined large numbers of guests in celebrating the delivery of the building, where students and research staff now have the benefit of cutting-edge laboratory equipment. Here, too, the construction work took two years, and the cost came to some 20 million euros. The three-storey building has the more than 2000 m² floor space of the old laboratories and is connected to the Clemens-Winkler building by a narrow passageway. It offers not only short distances but also the latest highly specialized technology, and thus provides ideal conditions for teaching and research. This is where, first and foremost, the students are given their practical training.

The Clemens-Winkler building, which enjoys protected status, is one of the most striking buildings on the campus. It was erected between 1951 and 1954 and is named after Clemens Alexander Winkler, the distinguished Freiberg analytical chemist and a professor at the Bergakademie.

Freiberg Alumni at Social Web:



Successful launch of the new alumni event series „Report vor Ort“

Alongside ‚ALUMNlight‘, which has won wide approval, there is another innovative initiative which enables alumni to make an active contribution to their university. ‚Report vor Ort - Alumni reporting from the front‘ is a new type of event series which is run jointly by the Freiburger Alumni Netzwerk (FAN) and the Career Center of the TU Bergakademie Freiberg. What the series does is to give alumni the opportunity, at regular intervals, to address an audience on matters of relevance to the labor market and society at large, such as innovative strength from interdisciplinary structures, the compatibility of family and profession, and working in structurally weak regions. The specialist subject is linked to the presentation of a company and there is specific focus on the speaker’s academic and professional history.

„The new format enables current undergraduates

and PhD students not only to orientate themselves professionally and gain insight into the real world of business but also to see themselves as future alumni.“ This is Constance Bornkampf’s explanation of the basic idea. For their part the alumni, as company spokespersons, can make contact with future specialist and executive staff. For the first event, which accompanied the ORTE career networking fair in January 2014, three alumni were invited to speak on „Spoilt for choice: professional perspectives in LARGE, Medium-sized and small companies“. During the panel discussion that followed they discussed the pros and cons of their various working worlds. The great success of this pilot event has already prompted two follow-up events. At one of them, on 14 May 2014, the foundry alumnus Jörg Nawrocki, head of quality and CoC logistics at Georg

Fischer Automotive, reported on his experience with „Automotive components suppliers and misjudged innovation“. The support programme at the summer ORTE on 17 June 2014 included a paper delivered by two alumni: „Same same, but different? – Status quo and perspectives for equal opportunities at

work“. Here, too, the alumni were invited via a targeted appeal in FAN. Constance Bornkampf commented: „Offers by our alumni who wish to deliver a paper in the ‚Report vor Ort‘ series are welcome at any time. The next career networking fair will take place on 15 Ja-

nuary 2015, and this time it will be devoted to the topic ‚Starting salaries and salary negotiations‘. Those interested should get in touch via Career Center or FAN.“

<http://tu-freiberg.de/career-center>



Promising start-up GeoWiD in the field of geosciences



Extraction of cores to analyse solid rocks, picture: Scientific Diving Center, 2011

„What enables us to modernise the way data are collected for issues affecting the underwater sector is that we can deploy specially equipped and highly skilled personnel direct at the place or object to be investigated.“ This is how Richard Stanulla, the founder and managing partner of GeoWiD GmbH, defines the company’s objective. The necessary professional skills for the establishment of the limited liability company were acquired by the diving team through the study of geosciences at the Bergakademie and intensive specialized training as scientific divers, conducted by the university’s own Scientific Diving Center. The main focus of GeoWiD’s activities will be on the documentation and monitoring of abandoned open pits, barrages or dams and other open waters. With a basis of interdisciplinary scientific and diving training, the start-up is an attractive partner for federal state authorities, post-mining restoration companies and dam operators as well as enterprises in the fields of ecology, nature conservation and water management.

It is readily apparent that scientific diving has nothing to do with the universally familiar leisure activity of diving. The GeoWiD team gets its samples of water, biota, rock and sediment even in icy water, with poor visibility and in darkness. To be able to deliver top-quality work and employ a wide range of working methods, the necessary tools are absolutely indispensable. In many cases however they are not freely available on the market, and consequently GeoWiD devotes a great deal of effort to researching and developing specialised scientific equipment for underwater use. The key requirements here are manageability, serviceability and quality. Asked about the team’s objectives, Robert Ganß, co-founder of GeoWiD, said: „We want in the medium term to equip the greater part of the underwater research groups with standardised equipment, so as to guarantee the comparability of the results found by different groups and to achieve a higher degree of reproducibility.“

There will continue to be intensive collaboration between the Scientific Diving Center and GeoWiD in the areas of research and development. The financial basis for the establishment of the company was formed by an SEED study grant from the Sächsische Aufbaubank (SAB). At all times and in all phases, from the shaping of the business plan and the necessary further training prior to the company’s establishment to the acquiring of funding, the team was able to fall back on the skilful and reliable advisory services of the SAXEED start-up network.

<http://www.geowid.de/de/>

Vietnamese Minister on a visit to Freiberg

The first stop on the trip to Germany by the Vietnamese minister and Bergakademie alumnus His Excellency Dr. Vu Huy Hoang and his trade delegation was Freiberg on 23 June 2014. „I’m very pleased to be able to start my working visit to Germany in Freiberg of all places – the town where I spent my time as a student,“ said the minister during his stay in the university town. In addition to visits to companies and working discussions with representatives of the Town of Freiberg and the country district of Central Saxony, the minister delivered a paper in the Senate Chamber in the main university building on German-Vietnamese cooperation in general and cooperation with the Bergakademie Freiberg in particular. But he also found time for meetings with former fellow-students and Vietnamese students and for a flying visit to his old student hostel in the Agricolastrasse. He himself, incidentally, studied energy engineering at the Bergakademie from 1970 to 1975 and is a member of the board of trustees for the 250th anniversary



of his alma mater. (Text: Madlen Domaschke)

The topical interview - Ilka Pittschart

Ilka Pittschart studied Business Administration at the TU Bergakademie Freiberg from 1994 to 1999. Before that she qualified as an ‚Industriekauffrau‘ (industrial business management assistant), gaining valuable experience of business practice, which she was later able to combine, to positive effect, with the theoretical knowledge derived from her studies. Today, as the sales director for Manufaktur Wendt & Kühn in Grünhainichen (Erzgebirge), she devotes herself entirely to the renowned 11 white dots on the hand-made angel figurines produced by this medium-sized company.

When, aged 22, she applied for a study place in Freiberg, she set great store by studying near where she lived. So she couldn't have been more pleased when the ZVS (German ACAS) offered her a place at the Bergakademie. She has fond memories of her student years, and recollects with particular pleasure the family atmosphere and the approachability of the professors and scientific assistants. She also enjoys thinking back to her time as a student

assistant to the Chair of Marketing. Less happy memories concern parking in Freiberg and the excessive assiduity of the ladies working as traffic wardens.

Her studies were followed by the service of companies of various sizes, from small subsidiaries all the way up to major international groups. Each of these companies gave her the opportunity to develop her career in a variety of fields: in management, human resources, sales.

As sales director for Wendt & Kühn she has a wide area of responsibility, which is of course primarily focused on the sale of the little figures, all lovingly made by hand. Her contacts with the specialist retailers are highly personal, indeed emotional, in the best professional sense of the words, much more so than in other sectors. The secret of her success in winning her clients over to the figurines is that she herself is transfixed by their very souls. As a break from the sales work she attends international trade fairs and visits authorised dealers in their shops. This enables her to get first-hand market information on trends, problems and customer needs, and so

react immediately.

Ilka Pittschart makes a point of staying in touch with our university. At the beginning of the year, for example, she gave active support to our alumni work by giving a lecture at the ORTE. And there's no way she's going to miss the great 250th anniversary celebrations for our alma mater next year.



On a heavenly mission, even in private life – Photo: Ilka Pittschart, not at work

You are the ambassadors on the ground for our contacts outside Germany

The TU Bergakademie Freiberg sets great store by its international character. Currently, 13% of the students are from abroad. There are 32 higher education cooperation agreements with foreign universities and dual degree programs with universities in Russia, Poland, Hungary, the Czech Republic, France, Italy, China, Thailand and Ukraine.

Our goal is to set up an international network based on short communication channels and personal contacts, so as to profit from synergies and make the TU Bergakademie Freiberg even better known worldwide. To achieve this we are dependent on having alumni willing to act as contact partners in their country or region. Such alumni ambassadors would have a number of things to do, but primarily they would be contact partners:

- ✓ for pupils interested in studying at the TU Bergakademie Freiberg
- ✓ for international scientists who would like to come to Freiberg
- ✓ for Freiberg graduates and undergraduates who are planning a stay in your country or region (e.g. for a semester abroad, a practical course, etc.)

- ✓ for cooperation partners of the TU Bergakademie Freiberg from the fields of science, business, politics and public administration.

Currently, we are very proud to have 22 alumni ambassadors as partners across the world. In spite of all our efforts, however, there are still countries where we have no official ambassador on the ground – for example in Switzerland, Spain, France, Italy, the United Kingdom and Poland. Do you fancy this kind of commitment to the Bergakademie? If so, please get in touch. You will find further information on our ambassador pages at:

https://www.alumni.tu-freiberg.de/alumni/pages/www/index.html?task=alumni_vor_ort



Alumni design new FAN logo

At the end of last year it was decided to revise the old logo for the Freiberg Alumni Network, FAN for short. A number of offers were examined. The one selected was that of a Freiberg advertising agency, whose executive directors had studied at the Bergakademie. Who could possibly have done the job better than alumni of the TU Bergakademie Freiberg? The new FAN logo has been adapted to meet the requirements of the university's corporate design and has represented the alumni network since March 2014. For a very recent alumni interview with one of the executive directors please visit: <http://bit.ly/1rMkHiw>

Incidentally, anyone who would like to join FAN can register in our database without charge. The database – together with lots of updated information, our ambassadors on the ground and all the issues of the alumni newsletter – is accessible at: www.alumni.tu-freiberg.de.



LOOKING FOR ...

The Alumni office never stops getting queries about fellow-students. Our database doesn't supply the answer to every query. If you think you can help with a search request like this, please contact the Alumni Office (alumni@zuv.tu-freiberg.de).

Dipl.-Ing. **Konrad Hupfer** is looking for Udo Finke and Stephan Nievelnkötter, who were his fellow-students of mining engineering from 1974 to 1978.

Ms **Karin Stiehler** is looking for Cäcilie Pohl, Birgit Schmidt, Anke Schwerdtner, Annetrin Adler, Hans-Ulrich Löhn and Karin Schreiter, who were fellow-students of hers from 1979 or 1980 onwards. The reason is a reunion to mark the 30th anniversary of graduation in Materials Science / Development of metallic materials.

News from the Association of Friends and Sponsors of Bergakademie Freiberg e.V. (VFF) – scholarships awarded

In the 2014 summer semester two of the people awarded a scholarship by the „Friends and Funders Association“ (VFF) were foreign students at the Bergakademie. The formal presentation, by Ingrid Lange of the International University Center (IUZ), took place on 14 April during a modest ceremony at the Kaffeerösterei Momö. The two alumni officers, who were there as official representatives of the VFF, offered the stipendiaries their congratulations. The two students being funded are Max Verdugo, master's student of Geosciences / Mining Geology from Chile and Vivek Naik, master's student of Computational Materials Science from India. Both were awarded a scholarship on grounds of their commitment to their studies. As is done with Deutschlandstipendium (Germany Scholarship), the DAAD doubles the amount provided by the VFF. The scholarships are administered by the IUZ.

More details on scholarships and applications for scholarships at: <http://tu-freiberg.de/international/finanzielle-foerderung>.



Stipendiary Vivek Naik (2nd from left) with his scholarship certificate

LEGAL NOTICE

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From graduate to mentor

Can you recall your first working day? The feeling of uncertainty, the slight nervousness, the load of questions? Perhaps you also remember the person who took you by the hand, metaphorically, and introduced you to the company and its staff and some of its special practices. And your relief at having a contact partner like that. By now you are successfully established in your profession and adept at dealing e.g. with members of staff, projects, crisis situations, customer enquiries and customer complaints.

All students experience the nervous excitement of the first working day some time or other. But they're not all fortunate enough to find a contact partner to help them take their first professional steps.

The TU Bergakademie Freiberg's Mentoring Network has therefore taken it upon itself to bring together students at the Bergakademie with a mentor in a company in the region at an early stage. The basic element of mentoring is personal promotion via a relationship which goes well beyond simply passing on professional knowledge, as is usual e.g. in a practical course. Regular subject-specific meetings enable the student (or „mentee“) to gain insights into entrepreneurial thinking and acting, and the transfer of the mentor's experience provides a framework for the development of the

mentee's individual skills. The gains for the mentee are enhanced career entry opportunities and integration in a professional network. The mentor gets the chance to pass on his (or her) own experience, to do something socially useful and to get to know the mentee over a sufficient period of time. If the need is there, the mentee can also be taken over as one of the company's next-generation skilled personnel.

Do you work in a company in Saxony? And would you be interested in joining the Mentoring Network as a mentor? If so we'd love to hear from you. (Text: Gesine Müller).

Further information at:

<http://tu-freiberg.de/mentoringnetzwerk>



Dates and times + Dates and times + Dates and times + Dates and times + Dates and times + Dates and times +

Students' info day for the start of studies

6 September 2014,
10 am to 1 pm, University main building, Akademiestr. 6
<http://tu-freiberg.de/studium/uni-zum-kennenlernen>

ALUMNIGHT „Excursion to virtual reality – visit to CAVE“

19 September 2014, 5 pm, foyer area Humboldt Building, Bernhard-von-Cotta-Strasse 2
<https://www.alumni.tu-freiberg.de/alumni/pages/www/index.html?task=alumnight>

40-year anniversary of the branch/field of study Materials Use / Materials Technology

26 September 2014,
2 pm – 5 pm, Alte Mensa, Petersstrasse 5

Symposium Freibergbau – 1st International Freiberg mine shaft colloquium

30 September – 1 October 2014, Alte Mensa, Petersstrasse 5
<http://tu-freiberg.de/fakultaet3/tiefbau/symposium-freibergbau/shaft-colloquium-2014>

IMRE 15 Years Celebration 2014

22 – 26 October 2014
Lessingstrasse 45, Freiberg
<http://tu-freiberg.de/fakultaet6/imre/15-years-imre>

Lecture: „The Helmholtz Institute in Freiberg: an institute for resources technologies“

23 October 2014, 7.30 pm, terra mineralia lecture hall, Schlossplatz 4
<http://terra-mineralia.de>

Graduates' farewell 2014

08.11.2014, 1 pm, Nikolaikirche, An der Nikolaikirche 1
<http://tu-freiberg.de/absolv>

University and graduates' ball 2014

08.11.2014, 7 pm, Tivoli, Dr.-Külz-Strasse 3
<http://tu-freiberg.de/absolv>

Members' meeting and St Barbara's Day celebration for the Association of Friends and Sponsors of TU Bergakademie Freiberg

28 November 2014 starting 1 pm, Großer Saal Alte Mensa, Petersstrasse 5
<http://tu-freiberg.de/wirtschaft/stiften-foerdern/freunde-foerderer>

ALUMNIGHT „High-voltage test laboratory“

12 December 2014, 4 pm, Lessingstrasse 45
<https://www.alumni.tu-freiberg.de/alumni/pages/www/index.html?task=alumnight>

ORTE career networking fair

15 January 2015,
10 am – 4 pm, Sporthalle Ulrich-Rülein-von-Calw, Meißner Ring 20C
<http://tu-freiberg.de/career-center/firmenkontaktmesse-orte>

Farewell ceremony for the PhDs

30 January 2015, Senate Hall, University main building, Akademiestr. 6
<http://tu-freiberg.de/grafa>