

# TUBALUM

## Alumni-Newsletter

<http://tu-freiberg.de/en/alumni>

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Dezember 2017



Dear sir or madam,  
dear alumni!

The latest edition of TUBALUM focuses on continuing professional development – a topic that is increasingly relevant in many professions

given the ubiquitous digital revolution. The technical and organisational innovations introduced as part of “Industry 4.0” and the “Internet of Things” create a host of new opportunities on one hand, but also make us question existing business models and methods. Specialists and managers need continuous professional development to keep up with the pace of change. As an innovative and practically-focused university, which is playing a key role in the digital transformation of its key areas – geosciences, materials, energy and the environment – TU Bergakademie Freiberg is happy to serve as your partner and is constantly expanding its range of continuous professional development services. Our cooperation with excellent partners as part of the EIT RawMaterials – the world’s largest innovation network in the raw materials industry – offers ideal conditions for this.

I am certain that the other subjects in this edition of TUBALUM will also show interesting ways we can support you as alumni of our university and can work together in joint projects. Let’s make the most of these opportunities!

With this in mind, greetings and best wishes from Freiberg, Glückauf!



Prof. Dr.-Ing. Prof. E.h. mult. Rudolf Kawalla  
Prorector of Research

## EIT RawMaterials - Regional Center Freiberg



Photo © UMIC/ORE

TU Bergakademie Freiberg and the Helmholtz Centre Dresden-Rossendorf (HZDR) are part of the knowledge and innovation community EIT RawMaterials (KIC EIT RawMaterials) as the main partners of the European Institute of Innovation and Technology (EIT). EIT RawMaterials’ main objective is to improve sustainable growth and competitiveness in the European raw materials sector by enhancing the innovative capacity of the EU Member States.

The EIT RawMaterials - Regional Center Freiberg has been working to promote science, research and industry, adult and vocational education as well as environmental protection regionally since 2015. It does so by planning and organising continuous professional development activities, as well as supporting technology transfer.

### Continuous professional development activities

Close cooperation with our industrial partners enables us to offer innovative continuous professional development for specialists in the raw materials sector. The courses offer expertise from all three areas of the knowledge triangle (industry, research and science), to respond to the continuously changing requirements of the industrial partners as employers. Besides developing expertise and knowledge transfer, our objectives are to focus attention on innovative challenges and competitive pressure for new trends and technologies in the raw materials sector.

You can find further information and details on

planned courses at:

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

Of course, all programmes can also be planned and organised as in-house events.

### Technology transfer

The goal is to identify and transition research results and innovations from TU Bergakademie Freiberg to commercial applications, and enhance innovativeness and economic power by better networking research, science and local industry. We create incentive schemes and exchange formats to facilitate interaction between SMEs, interest groups and research institutions in the region. This boosts awareness of the existing scientific landscape, and also offers opportunities for specialisation. The Regional Center Freiberg has a strong network within the EIT RawMaterials community, and offers contacts to many potential business partners and an opportunity for exchanges on specialist subjects, including the regular events where SMEs and startups can present their own project ideas.

### CONTACT

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Freiberg Alumni at Social Web:

## The energy concepts of tomorrow

Freiberg Institut is a spin-off of TU Bergakademie Freiberg that works to develop and market energy-autonomous buildings and districts. Besides decentralised energy generation, sector coupling and e-mobility play a major role. It aims to meet demand for heat, electricity and mobility all year-round and primarily from solar power and use of storage facilities. The four founders, three of whom are Bergakademie graduates, have driven this idea forward continuously. The company initially benefited from the support of SAXEED, and then received a tech startup scholarship. The Freiberg Institut has also been a cooperation partner of Bergakademie since 2017.

The team at the Freiberg Institut develops holistic concepts and business models for its clients in the heating, electricity and mobility sectors. It also performs applied research and development work.

### Continuing professional development

Knowledge and technology transfer form an important part of our activities. The Freiberg Institute views itself as networking interface between the

market and research. In this context, we offer presentations and workshops as continuing professional development and inspiration. Our objectives are teaching specialist knowledge on one hand, and bringing ideas and minds together as a basis for innovative processes on the other.

On request, we organise and plan our workshops to include a guided tour of energy-autonomous buildings in Freiberg, and also offer them as in-house events. For more information, see:

<https://www.freiberg-institut.de/institut/vortraege-und-workshops/>

### Contact

You can find Freiberg Institut at:  
<https://www.freiberg-institut.de>.

Or simply contact us via:  
[mail@freiberg-institut.de](mailto:mail@freiberg-institut.de).



Graphics © Anja Tittel

## Iran travel report

“Tell them that you enjoyed your time in Iran, that my family and I are doing well, and that I am still grateful for the three years in Freiberg.” Those were Dr Hamid Ghorbani’s parting words to his visitor Prof. Wolfgang Näther, when he visited him in Isfahan in May of this year. From 2001 to 2004, Hamid was a doctoral candidate at the Freiberg Graduate School for “Spatial Statistics” and earned his doctorate in 2004 under Prof. Stoyan. Today, he lives with his wife and two children in Isfahan, one of Iran’s most beautiful cities. He works at the university in Kashan, roughly 200 km from Isfahan, as a type of assistant professor, holding lectures in stochastics and statistics for mathematics students. Hamid is particularly grateful to Prof. Stoyan, especially

that he “forced” him to speak German from the beginning, and to Ms Seifert, secretary of the Graduate School at the time, who helped him a lot with everyday problems. During his private trip to Iran, Prof. Näther and his wife stayed with Hamid’s family for three days. There, and during the entire four-week trip, the Näther family experienced many insights into real life in Iran, which is very different in many ways to its often very abbreviated depiction in our media. They encountered very friendly, helpful, communicative and proud people, a people aware of their many thousand year-old history and a people who do not understand why the USA in particular paints such a dark picture of Iran.



Photos © Prof. Wolfgang Näther

## Career fair ORTE



Under the heading “AN:trieb – Motivation für Studium und Beruf” (DR:ive – Motivation for university and career), roughly 70 regional, national and international companies will be present in the Ulrich-Rüleinvon-Calw gymnasium on 11 January 2018 from 10 a.m. - 4. p.m., to reach out to students.

Once again, we expect over 2,500 visitors at the event, and they can look forward to a comprehensive programme of events on everything from procrastination to motivational lies and inspiration, as well as job application tips and career presentations.

In addition to keynotes for students and visitors, there will be presentations specifically for companies, informing exhibitors about the main topic.

After all, motivation is not just self-motivation, but also supporting your colleagues and improving the company’s performance in this way.

Contact person: Steve Richter

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

[www.facebook.com/CareerCenterFreiberg](http://www.facebook.com/CareerCenterFreiberg)

TECHNISCHE UNIVERSITÄT BERGAKADEMIE FREIBERG  
Die Ressourcenwerkstatt, Sall 1765.

CAREER CENTER  
Technische Universität Bergakademie Freiberg

**KARRIEREMESSE**  
11. JANUAR 2018 | FREIBERG

ULRICH-RÜLEIN-VON-CALW  
10 BIS 16 UHR

ORTE

AN:trieb – Motivation für Studium und Beruf

[tu-freiberg.de/career-center](http://tu-freiberg.de/career-center)

[www.facebook.com/CareerCenterFreiberg](http://www.facebook.com/CareerCenterFreiberg)

## The topical alumni interview: Anja Fiedler



Photo © Cheryn Bornmann

Anja Fiedler studied Business Administration in Freiberg. She already gained some practical experience in marketing and international trade as a student assistant during her degree programme. After graduating, Anja Fiedler moved away from Freiberg for eight years to build on her experience in marketing and sales. In 2008, she returned to Freiberg as an aide to the mayor. She worked in this position for five years. From 2009 on, she worked in the Department of Culture and City Marketing of the City Administration of Freiberg, which she

has headed up since 2016. Her responsibilities there are varied, but “holistic location marketing” sums them up quite well.

**You studied in Freiberg. What made you choose to study in Freiberg?**

At the time, the university’s advertising slogan was “quality not quantity”. Freiberg University convinced me of this at the Open Day. I met open lecturers and professors and felt that personal contact is really important here, and that the conditions were ideal for studying – the lecture theatres were not overcrowded and the library was well-stocked.

**Do you still have professional or private contacts to TU Bergakademie Freiberg?**

My current job calls for close professional contact to the local university. My office’s job is to make sure that citizens, tourists and students feel at home here, that they see Freiberg as a city to live and love. A city that offers potential for students not just during their degree but also after they graduate. Together, as the University and the City of Freiberg, we strive to make Freiberg an attractive place.

**What makes your current job so attractive in your opinion?**

Playing a key role in shaping the cultural and tourism marketing for a city is a very interesting

and varied task. Meeting the ever-changing requirements of a wide range of interest groups every day, developing new concepts with colleagues, being able to make decisions on them and driving them forward empowers me and makes my job highly interesting. My work is built on close contact to businesses and companies.

**What lasting memories do you associate with your time at TU Bergakademie Freiberg?**

I learned a lot of expertise in Freiberg, got a very solid basis for starting my professional career and certainly also benefited from TU Bergakademie Freiberg’s excellent reputation.

**What advice would you like to give to young people studying today?**

It is worth making the journey to Freiberg, asking for advice in the Study Information Centre and giving this medium-sized city an objective chance versus the big cities. The “quality, not quantity” slogan still holds true today.

**One last question: what is your motto for life?**

Everything in life happens for a reason, even if you don’t think so at first.

## Part-time Degree in Industrial Engineering (TU) – Continuing professional development for engineers, mathematicians and scientists

In October 2017, a new year starts for the part-time Business Studies degree in Frankfurt/ Main. On ten Fridays and Saturdays in the year, professors from TU Bergakademie Freiberg offer courses in cooperation with the educational institution Bildungswerk BAU Hessen-Thüringen e.V. Since 2004, many graduates have put the theoretical knowledge they learned on the programme into practice. Ralf Zietz, Managing Partner of several architecture and engineering firms in Berlin, Oldenburg and Löhne would recommend the challenging course to anybody. Esteban de Lope, Head of Fund Management at Deka Immobilien Global, also emphasises his satisfaction and the high practical value of the solid university education. Claus Fischer, Managing Director of Claus Fischer Architekten GmbH, believes that

the skills he learned enrich his work as a self-employed businessman. Obtaining a full university degree in three years and the prospect of a potential doctorate affirmed previous participants in their decisions to do the degree there. Besides the in-depth education, students appreciate the opportunity to expand their professional network through mutual contact.

The course rooms in Frankfurt/Niederath can be reached by car from the Frankfurter Kreuz intersection or by train, just one stop away from the central train station towards the airport. The degree programme is focused on the needs of the working participants: Exams are held at the next attended seminar, and support can be provided comprehensively and individually. Students can specialise by selecting “Construction Management/Law” or “General Business Administration” as majors, and by choosing elective modules. They can also transition flexibly between classroom study in Freiberg and the part-time degree course in Frankfurt.

### Contact:

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Photo © Marcel Gawlitta

## Latest from Association of Friends and Sponsors (VFF)

### 2017 Friedrich-Wilhelm-von-Oppel Award presented

As at the start of every semester, awards and scholarships were presented to students of TU Bergakademie Freiberg at the Academic Ceremony in the Nikolaikirche church on 17/10/2017. Students Jessica Dittmann (Master Student in Industrial Engineering) and Isabel Schulze (Master Student in Business Administration) were presented with the Friedrich-Wilhelm-von-Oppel Award, endowed by VFF every year.



Rector Prof. Dr. Klaus-Dieter Barbknecht congratulates the two honoured students at the Academic Ceremony in the Nikolaikirche. (Photo © TU Bergakademie Freiberg / Detlev Müller)

### Discussion evening for students



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## WHAT HAS BECOME OF ...

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).

**Who?** Dipl.-Ing. Kurt Pöllner

**For whom?** Members of his seminar group (Extraction and Processing Machines 1977-1982)

**Who?** René Schubert, born Reimann

**Why?** Dr.-Ing. Yadatore Keshaviah Subrahmanya from Mysore/India, who earned his doctorate in Casting Technology at Bergakademie Freiberg in 1962

## A look back at ALUMNIght

Things got explosive for our 23 alumni and their guests who attended the event on 22 September 2017. We learned more about DBI - Gastechnologisches Institut gGmbH Freiberg, an affiliated institute of TU Bergakademie Freiberg. Mr Franke, himself an alumnus of the Bergakademie, and one of his colleagues showed us the excavator damage demonstration system (BSDA). For example, it spectacularly demonstrates what happens if an excavator actually hits a gas line during construction work. The BSDA is a DVGW (German Association for Gas and Water Applications) training centre, and is therefore used to train excavator drivers, construction managers, gas supply companies and emergency services (police, fire department, technical assistance). There are currently roughly ten BSDAs in Germany. The system in Freiberg was the first in former East Germany. The objective is to teach the course participants theory and practice so that they can avoid accidents in their day-to-day work or take corresponding precautions. We

then finished off the evening with a convivial snack at DBI-GTI.



Photo © Stefanie Preissler



Photo © Stefanie Preissler

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

**Graduation Farewell**  
 04/11/2017, 10:30 a.m.,  
 Nikolaikirche, Freiberg  
<http://tu-freiberg.de/absolv>

**University and Graduate Ball**  
 04/11/2017, 6:30 p.m.,  
 Ballhaus Tivoli, Freiberg  
<http://tu-freiberg.de/absolv>

**Discussion evening for students „Trumponomics“**  
 14/11/2017, 7 p.m.,  
 Klubhaus Alte Mensa  
<http://bit.ly/1PmmN1i>

**Horizons for founders**  
 16/11/2017, 6 p.m.,  
 SIZ, Prüferstrasse 2  
<http://bit.ly/2ynGrMk>

**General Meeting Association of Friends and Sponsors of TU Bergakademie Freiberg**  
 01/12/2017, 1 p.m.,  
 Alte Mensa, Petersstrasse 5  
<http://bit.ly/1PmmN1i>

**Barbarafeier Association of Friends and Sponsors of TU Bergakademie Freiberg**  
 01/12/2017, 7 p.m. (on invitation),  
 Alte Mensa, Petersstrasse 5  
<http://bit.ly/1PmmN1i>

**Junior Members Forum Association of Friends and Sponsors of TU Bergakademie Freiberg**  
 02/12/2017, 10 a.m. (on invitation),  
 Conference room SIZ, Prüferstrasse 2  
<http://bit.ly/1PmmN1i>

**10 years of the Dr Erich-Krüger Foundation**  
 05/12/2017,  
 2 - 5 p.m.,  
 Alte Mensa, Petersstrasse 5  
<http://bit.ly/2zrihAB>

**14th ALUMNIght „The perfect Christmas goose with molecular cooking“**  
 15/12/2017, 5 p.m.,  
 Fa. Timo Leukefeld - Energie verbindet, Energieautarkes Haus, Franz-Mehring-Platz 12D, Freiberg  
<http://bit.ly/2zrihAB>

**Career fair ORTE „Focus: „DR:ive – Motivation for university and career“**  
 11/01/2018,  
 10 a.m. - 4 p.m.,  
 Gym Ulrich-Rülein-von-Calw, Freiberg  
<http://bit.ly/2indjKe>

**Open-door day**  
 11/01/2018, 9:30 a.m.  
 Neue Mensa,  
 TU Bergakademie Freiberg  
<http://bit.ly/2hvZ3in>

**TU Bergakademie Freiberg Doctoral and Post-Doctoral Candidate Graduation**  
 26/01/2018, 2 p.m.  
 Alte Mensa, Petersstrasse 5  
<http://bit.ly/2g1xr3r>

**25th anniversary of the naming of the Technische Universität**  
 11/03/2018, Freiberg

**90 years of metal forming in Freiberg (MEFORM 2018) with get-together of former students**  
 23/03/2018, 10 a.m.,  
 Freiberg  
<http://bit.ly/MEFORM2018>