



POST-GRADUATE



THE ONLINE MAGAZINE FOR DEGGENDORF ALUMNI



▶ PREFACE

Welcome to a slightly latish Post-Graduate issue. Innovations sometimes need time to be implemented and after months of preparation and waiting times everything suddenly seems to fall into place.

This is what happened to Alumni services. Since April, the Alumni relations are its own department in the Institute for International and Academic Affairs (KIS) and it has become clear that this topic, i.e. you as our alumni, has moved even more into the spotlight. To reflect this to the outside world, we at the Alumni Office have been planning for a while to implement a few new „tools“ to make our network more visible, but also to show off with you, because your careers are really impressive.

You can also see that the university is celebrating its 25th anniversary next year. It takes time to work on a successful professional career, but that's it: You've come of age and can look back on your professional career with pride. We look for-

ward to presenting your life's work to date. We have come up with some ideas for this: from now on, the post graduate section will be extended to include an alumni profile.

In addition, the founding campus of THD will have a permanent place where successful THD start-ups will be presented. We also invite you to participate in our film campaign. Read more about this on the following pages.

You will notice that we have rolled up our sleeves and are now just waiting for your feedback. Exciting times lie ahead!

Yours

Ulrike Sauckel

▶ DATES

▶ Gründercampus

15.-16.06.2018

Hackathon

10.04.-11.04.2018

5th European Seminar on Precision Optics Manufacturing, TC Teisnach

▶ AlumniNet

23.06.2018

Radtour nach Dingolfing, Besuch der BMW-Ausstellung

▶ THD Termine

Vortragsreihe Mensch und Gesundheit

12.06.2018

Die Rolle der Emotionen an der Entstehung von Stress,

Belastung und Gefährdung, Prof. Gronwald

25.06.2018

Pflege, Prof. Dr. Brandenburg

10.07.2018

Dr. Google & Co: Fluch oder Segen? Wie ich zuverlässige Gesundheitsinformationen im Internet finde, Prof. Dr. Eberhardt

Kolloquienreihe

25.06.2018 - 17.30 Uhr

Kollpe-troFit – Der elektrische-troFit – Der elektrische-Nachrüstantriebsstrang für öffentliche Nahverkehrsbusse

▶ Seminare für Young Professionals

13.10.2018

Gewonnen wird im Kopf, verloren auch

09.11.2018

Business Knigge beim Zenger mit Graf von Hoyos

▶ INHALT

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Alumni stories on YouTube

▶ YOU ARE WANTED!!!

Do you know DIT's YouTube channel?

<https://www.youtube.com/THDeggendorf>

Here you can find video content about everything at DIT: courses, student accommodation, testimonials by exchange students and DIT students abroad.

This is where you come into play!

We would like to shine a spot light on you and your career. Therefore, there will be a new playlist on the YouTube channel called „Alumni Stories“.

All you have to do is record a 90-second video with your phone or a tablet in portrait format, in which you tell us a little bit about your job and your way to where you are right now. You can also tell us about your time at DIT and what still connects you to your alma mater.

We also need stills (photos) of your workplace (please make sure that they have been cleared by your employer) and of the city you work in or the country you now live in. Of course you can also send us pictures from your time at DIT for a „before and after“ lineup. The final product would look something like this:

https://www.youtube.com/watch?v=0fnm-CYhnNs&index=1&list=PLqr3i9XHiUnp6ypAsG_LwkEdVqfIZGwXz

We are looking forward to your participation. Please contact us on:

alumni@th-deg.de

▶ ALUMNINET CYCLING TRIP

Saturday, 23 June 2018 - Meeting: 9:45 at DIT

Together we'll cycle 50km to the BMW museum Dingolfing(Obere Stadt 19).

The path always leads along the picturesque Isar cycle path. Estimated arrival 1.30pm - 2.00pm, with a break on the way (where it is nice).

On site we get a guided tour through the BMW exhibition.

Afterwards we will visit the Wirgarten (on recommendation of an alumnus, self-payer) <http://www.wirgarten.de/index.php>

We'll take the train back

We are back in Deggendorf at the latest at 19.00 o'clock, so the game of Germany in the evening can be watched in any case!

Registration as of now at alumninet@th-deg.de

We look forward to seeing you!



Alumni profile

▶ **MAGDALENA BOYEN, MECHANICAL ENGINEERING ALUMNA 2013**



Could you briefly describe your academic and professional career?

After my Abitur at the St. Michaels Gymnasium in Metten, I started studying Mechanical Engineering.

During my studies I gained my first professional experience as a student trainee with Streicher and VTA. My mandatory internship was then in development department at Daimler (Sindelfingen). Here I started to build up my first professional network. For my semester abroad I went to Sweden and have to praise the International Office: the exchange was fast and uncomplicated and my time in Sweden is unforgettable until today. Furthermore, international experience definitely promotes the career of mechanical engineers.

I then wrote my Bachelor thesis at Airbus in Hamburg. Prof. Dr. Bongmba has looked after me very well right from the start and even arranged the position (he is a former employee of Airbus). I also like to think back to this time, but not only because of my professional experience, but especially the excellent family

and professional support by DIT are anchored in my memory.

After my graduation, it was my great wish to work in the aviation industry and in fact I immediately joined the Airbus Group in the field of product lifecycle management, in charge of the entire internal consulting of the entire Airbus group.

At some point I had to decide whether I stay with the technical area or focus more on management since I was offered a job at Ernst & Young. That was by the end of 2014.



I decided on management and worked my way up from consultant to manager within four years.

In my daily business, the focus is on product life cycle management with a closed-loop approach. This means advising all customers from the most

diverse industries starting from the idea up to service/recycling. It is of great benefit that I have the technical background to me.

Indulgence allowed: describe briefly your student time at DIT

I most enjoyed my time at Fast Forest, because it is still the perfect addition to my professional life today. The project that once begun must be completed, not with colleagues, but with friends. These friendships still exist today, I am just passing through to the wedding of a former fellow student.

[For Magdalena, the connection to Fast Forest goes a little further, she is now married to another Fast Forest member.]

What kind of advice would you like to give the current mechanical engineering students?

Enjoy the time! Network and stay in touch, that's important for the rest of your life. Set goals, but have the patience to achieve them step by step. Please do not hesitate to contact me, the contact details are available at the Alumni Office.



Firmen stellen sich vor

▶ SEAL MANUFACTURER - A POPULAR EMPLOYER FOR MECHANICAL ENGINEERS AT DIT

Regional added value at Wallstabe & Schneider

28 May 2018 (ew) The Faculty of Mechanical Engineering and Mechatronics at the Deggendorf Institute of Technology can look back on 20 years of lectures this year. One of the first mechanical engineers to graduate from DIT began his career at seal manufacturer Wallstabe & Schneider in Niederwinkling in 2003. This was the starting signal for a long-standing and intensive cooperation between the university and the automotive supplier company from the neighbouring region.

Currently, 16 graduates in mechanical engineering and mechatronics are employed at Wallstabe & Schneider. They are active in product and material development, process engineer-

ring, quality management and production management. „Studying mechanical engineering or mechatronics lays a solid foundation for your career and offers you the best chances of finding a job in the region,” says Prof. Dr.-Ing. Rudolf Strohmayer of DIT. Managing Partner Christian Wallstabe can only confirm this: „Due to our growth we are constantly looking for qualified junior staff and value the well-trained students from DIT. We are a globally active company with excellent development opportunities for young engineers.”

Most students get to know Wallstabe & Schneider during their studies when they complete an internship or write their final thesis in the company. The seal manufacturer also offers a dual course of study in cooperation

with the Technical University. Here, training as a technical product designer is combined with a Bachelor of Engineering in Mechanical Engineering. In addition, Wallstabe & Schneider sponsors a lecture hall at DIT and finances two “Deutschlandstipendium” scholarships each year. Once a year, the students are invited to a course in Niederwinkling, where they learn interesting facts about elastomer materials and the seals made from them and get an insight into production. In return, Wallstabe & Schneider engineers are regularly employed at DIT and use the laboratory facilities there, such as scanning electron microscopy or computer tomography, for their development work.



Caption: The DIT graduates from Wallstabe & Schneider's mechanical engineering department with Prof. Dr.-Ing. Rudolf Strohmayer (left), Prof. Dr.-Ing. Franz Bergbauer (2nd from left), the managing partners Jürgen (3rd from left) and Christian Wallstabe (right), development manager Anton Parzefall (2nd from right) and technical director Kai Peters (4th from right).

Social Media

▶ **STARTUP WUIDI - HALF A YEAR AFTER THE EXIST FOUNDER SCHOLARSHIP**

In November 2016, the EXIST scholarship for the three founders Alfons Weinzierl (BWL-Alumnus 2012), Alexander Böckl (Wirtschaftsinformatik-Alumnus, 2012) and Jozo Lagetar started their project „wuidi - Gemeinsam Wildunfälle vermeiden“. The one-year sponsorship created the financial basis to fully devote oneself to the start-up idea and, with the support of THD, to venture on the path to self-employment. This time has already passed six months ago. How is the young start-up currently doing?

The three founders used the time of the scholarship intensively to develop their idea into a marketable solution, which is now being used in Germany, Austria and Switzerland. More than 40,000 drivers already use their free app „Wildwarner“. This warns drivers when driving through dangerous areas with increased wildlife, for the first time depending on location and time. The warning is given either via an app or - thanks to Bluetooth coupling - directly via the car. Thanks to a background mode, no operation is necessary while driving and can therefore be used in road traffic without any problems.

Together with the Technology Campus Freyung of THD and the University of Freiburg, they are currently working on the further development of their solution in the nationwide wildlife accident project „WilDa“ Dynamic Wildlife Accident Warning using heterogeneous traffic, accident and environmental data as well as big data approaches.

Profile wuidi GmbH:

- Idea: The wuidi initiative was created in December 2014 as a result of an accident involving wild animals.
- 3 founders: Alfons Weinzierl, Alexander Böckl, Jozo Lagetar
- Free provision of the app „Wildwarner“ for iOS and Android
- Wildwarner App user figures: already over 40,000 drivers
- Registration for hunting ground protection at wuidi.com/machmit/fuer-jaeger/
- Registration for car drivers at wuidi.com/machmit/fuer-autofahrer/
- Registration for driving schools at wuidi.com/machmit/fuer-fahrschulen/
- Availability: Germany, Austria, Switzerland
- More information at wuidi.com
- Contact: office@wuidi.com



If a wildlife accident nevertheless occurs, the user receives step-by-step instructions and, based on the GPS location, the contact details of the responsible contact person, the police station or the owner of the hunting ground.

Immediately after the start of the promotion, wuidi GmbH was founded, which now has its headquarters in its own office in Sallach in the Straubing-Bogen district.

Together with partners such as public authorities, associations, the police and driving schools, the wuidi initiative thus contributes to increasing road safety and, in the event of a wildlife accident, helps to ensure efficient handling of the process.

The founders have sometimes received numerous prizes and awards, among others:

- WIRTSCHAFTSZEITUNG 2017 awards the special prize „Founder of the Year“
- IHK Niederbayern: Founder of the month August 2017
- Winner of the German Mobility Award 2017
- Winner German GENERATION-D Award 2017



Veranstaltungen

▶ **HACKATHON**
- 24 STUNDEN IN DIE TASTEN HAUEN UND IDEEN WEITERENTWICKELN
SAMSTAG, 16. JUNI 2018

The GZDN is the association of three startup centres in Lower Bavaria. The INN.KUBATOR in Passau, the ITC1 in Deggendorf and the LINKin Landshut offer a great network for you to grow your business.

With partners in science, economy, chambers and various associations, we will get you started and connected quickly. In addition, there is a network of mentors and investors. In each centre we offer a wide selection of events, pitches,

workshops and coaching to get you on the right track.

And of course, you will find a multitude of other young entrepreneurs embarked on the same journey as you are!

gruender@itc-deggendorf.de



**WE'D LOVE TO CONNECT AND
WORK WITH YOU!**



Neue Professoren

▶ DR.-ING. MARCUS BARKOWSKY



The faculty of Electrical Engineering, Media Technology and Computer Science at DIT will be supported by Dr.-Ing. Marcus Barkowsky, who will take over the new professorship for the Bachelor course Internet of Things.

Prof. Barkowsky sees the basis for the next technical revolution in the „Internet of Things“:

„The smartphone shows us how the constant availability of networked devices is changing our lives. In the future, even the simplest devices will be able to communicate with each other. I see my task in making this communication secure, energy-efficient and transparent for people. Every user should be able to understand and configure these systems at any time. With its new course of studies „Interactive Systems and Internet of Things“, the TH Deggendorf offers the ideal prerequisites for implementing this vision.

Born in Berlin, he studied electrical engineering at Friedrich-Alexander University (FAU) in Erlangen, where he also worked in the video group at the Fraunhofer Institute for Integrated Circuits. In order to increase the perceived

video quality, he is researching objective measurement methods as part of his doctorate with Prof. Dr.-Ing. André Kaup. These were subsequently integrated into the international standardisation process at OPTICOM GmbH Erlangen.

Most recently, Dr.-Ing. Barkowsky conducted research at the University of Nantes/France, in cooperation with renowned industrial partners from all over Europe, on the subjective evaluation and quality improvement for new television formats, first 3DTV, then UltraHD. In addition, he was an Associated Professor in the Department of Computer Science at Polytech Nantes.

▶ DR. AGNES NOCON



Dr. Agnes Nocon has been Professor of Psychology and Statistics at the Faculty of Applied Health Sciences at DIT since March 2018. Her main location is the European

Campus Rottal-Inn in Pfarrkirchen, where she will be helping to shape scientific training in the health professions and strengthen psychology in Lower Bavaria.

After her Abitur in mathematics and physics in Augsburg, Professor Nocon studied psychology at the Technical University of Dresden and affective neuroscience at the Universities of Florence and Maastricht. She wrote her diploma thesis at the Max Planck Institute for Psychiatry in Munich on the topic of anxiety and depression among young people. In Barcelona,

she devoted herself to investigating drug addicts and volunteered with homeless alcoholics. She then returned to the Max Planck Institute for her doctorate. Her dissertation on the validity of agoraphobia, a mental disorder in which those affected are afraid of public places, contributed to the fact that this disorder was included as an independent diagnosis in the internationally valid classification system DSM. As a trained behavioral therapist, she also gained many years of experience in the treatment of a variety of mental disorders.



Before being appointed professor, Dr. Agnes Nocon worked at the Catholic University of Eichstätt. In recent years she has endeavoured to make psychotherapy more effective for traumatised children and

mourning adults from Germany and other cultural circles and to bring it into practice.

The new professor is enthusiastic about the international orientation of DIT, especially at the European Campus in Pfarr-

kirchen. She looks forward to sharing her experience with health science students from around the world.

▶ DR. MELANIE KAPPELMANN-FENZL



At the beginning of the summer semester 2018, molecular biologist Dr. Melanie Kappelmann-Fenzl will take over the professorship of Applied Life Science at the Faculty of Applied Health Sciences at the TH Deggendorf.

During her PHD at the Institute of Molecular Pathology at the University of Regensburg, the Deggendorf native specialised in the field of biomedicine. After completing her doctorate, she moved to the Friedrich-Alexander University (FAU) Erlangen-Nuremberg, where she intensified her tumor research in the field of Next Generation Sequencing (NGS) data analysis. The scientist regularly presents her research results at national and international congresses. She has also published these in prestigious biomedical journals. In 2013,

Dr. Kappelmann-Fenzl received the „Glanzlucht Biomedizinische Forschung“ award from the University of Regensburg for her work.

After her further education in bioinformatics at Cold Spring Harbor Laboratory, New York, she established the NGS technology in the laboratories of the Institute of Biochemistry at FAU Erlangen. This is a promising technology for identifying tumor-causing factors with the aim of specifically curbing them by developing personalized medicine.

Dr. Kappelmann-Fenzl gained teaching experience both at the University of Erlangen and at the Faculty of Health Sciences at DIT, where she took over the basic biomedical subjects in the study courses Applied Training Sciences and Health Informatics as a teacher for special tasks.

The biomedical scientist now plans to bring scientific research in combination with Big Data Analysis of the tumour genome to Deggendorf, thereby supporting and advancing the establishment and expansion of the Faculty of Applied Health Sciences. „Every researcher uses NGS technology, but hardly anyone can handle the huge amounts of data, let

alone evaluate and interpret them correctly. Therefore, we urgently need people who are enthusiastic about this area of data analysis,“ says Dr. Kappelmann-Fenzl. To realize and support its research and teaching goals in Deggendorf, it brings with it a broad national and international network of cooperation partners.

Studienangebot

▶ AN OVERVIEW OF ALL OUR COURSES OF STUDY

Digitalization has created fertile fields for new study programmes. We would like to use this opportunity to give you an overview of all DIT study options.



- ▶ Applied Computer Science
- ▶ Applied Sport Science, B.A.
- ▶ Applied Economics, B.Sc.
- ▶ Organisational and Economic Psychology , B.Sc.
- ▶ Environmental Engineering , B.Eng.
- ▶ Business Administration, B.A.
- ▶ Electrical Engineering & Information Technology , B.Eng.
- ▶ Healthcare Informatics, B.Sc.
- ▶ Health Informatics, B.Sc.
- ▶ Industrial Engineering/Maintenance and Operation, B.Eng.
- ▶ Internet of Things, B.Eng.
- ▶ International Management, B.A.
- ▶ International Tourism Management/Health & Medical Tourism, B.A.
- ▶ Mechanical Engineering, B.Eng.
- ▶ Mechatronics, B.Eng.
- ▶ Mechatronik/Digitale Produktion, B.Eng.
- ▶ Media Technology, B.Eng.
- ▶ Healthcare (combined course of study), B.Sc.
- ▶ Physiotherapy majoring in Kinesiology (combined course of study), B.Sc.
- ▶ Engineering Physics, B.Eng.
- ▶ Technical Design, B.Eng.
- ▶ Tourism Management, B.A.
- ▶ Environmental Engineering, B.Eng.
- ▶ Business Informatics, B.Sc.
- ▶ Industrial Engineering, B.Eng.





IMPRINT

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p. 3 Pixabay
p. 7 Hackaton (<https://www.gruenderzentrum-digitalisierung-niederbayern.de/>)

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