

For Alumni of the Technical University of Munich Autumn/Winter 2019/2020



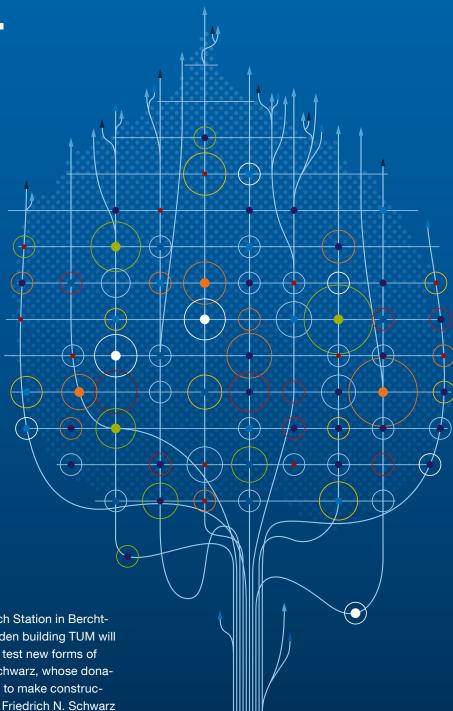
An Issue on the Presidential Change



I ENJOY **SUPPORTING**ADMIRABLE EFFORTS THAT
ARE OF A LASTING BENEFIT

TO HUMANS.

Honorary Senator Friedrich N. Schwarz (TUM Alumni 1964)



In July the TUM Friedrich N. Schwarz Research Station in Berchtesgaden was opened. In the sustainable wooden building TUM will explore the ecosystem of the Alps region and test new forms of teaching science. TUM Alumni Friedrich N. Schwarz, whose donation to the TUM University Foundation helped to make construction in the mountains possible, lent his name. Friedrich N. Schwarz was a student of Electrical Engineering at TUM and subsequently pursued a corporate career (Rohde & Schwarz).

www.tum-universitätsstiftung.de



Dr. Verena Schmöller and Dr. Sabrina Eisele from the KontakTUM editorial team

# Two Alumni FOR TUM

#### **TUM Updates**

You would also like to stay informed about current events for alumni and TUM news in between the Alumni Magazine issues? Once a month we are sending out an electronic newsletter for the TUM Community. Update your e-mail address and subscribe to the newsletter at www.community.tum.de.

For 24 years Professor Wolfgang A. Herrmann has guided the fortunes of TUM, which makes him the longest serving president in German university history. As his successor Professor Thomas F. Hofmann took over his duties on the 1st of October 2019. Over the past ten years, he has been Vice President for Research and Innovation at TUM. Both have one thing in common: they have studied at TUM or did their doctorate here, i.e. they are Alumni of TUM. And for many years they have been committed to their common alma mater with all their heart and soul.

This issue of the Alumni Magazine is therefore dedicated to these two dignitaries: as readers, we will bring you along to the festive ceremony at which the Chain of Office was handed over. In an interview you will find out how the two presidents got to know each other and why TUM means so much to them. And of course our new president welcomes you personally and presents his plans for the future of TUM.

The second part of the issue, the event programme for Alumni of TUM, is equally festive: like every year, the TUM Family gets together for the Advent Concerts. This time our new president will be welcoming you and President Emeritus Wolfgang A. Herrmann will be playing the organ. In addition, as always, your alma mater offers itself as a place to learn more and meet each other. Let our Science Matinees inspire you, obtain further information on important topics of the future in the diverse lecture series, network at the Women of TUM Afterwork events and take advantage of our career offers to advance your professional development.

We hope you will have an inspiring read.

#### ONE OF THE BEST!

The new edition of the 'THE World University Ranking' ranks TUM among the four best technical universities in Europe. For the third time in a row TUM is number two out of all universities in Germany. Find out more at: **go.tum.de/549524** 

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# THE NEW PRESIDENT IS EXTENDING A GREETING TO OUR UNIVERSITY'S ALUMNI

There are only a few days that decisively shape a scientist's path of life. One such day for me was the 30th of September 2019 at the official ceremony in the Main Auditorium, when Professor Wolfgang A. Herrmann put the TUM President's golden Chain of Office around my neck. I was overcome by a moment of great joy, but at the same time by awe. Joy, because it is a real privilege to work as the new president of your alma mater together with the people who are decisive for the success of TUM - the students, the scientists, the science support staff, the emeriti, alumni, patrons, supporters and friends. I would like to listen to what they have to say and learn what moves them, what drives them and what their goals are, and use their various talents, motivations and experience to bring TUM to new heights together! Concurrently a feeling of awe came over me at the handover, because an immense task is lying ahead of me and also because this reality is so far away from my childhood dream of becoming an archaeologist. I wanted to become an archaeologist because it fascinated me to search for buried, undiscovered buildings and objects and reconstruct the lifestyles of earlier cultures through them. Now on the other hand it is up to me, as President-in-Office, to shape the future.

# A constant willingness to change is characterising TUM

Right now the conditions for my start as President of TUM are perfect. The university has never been in a better position than today. Building on its reform concept for higher education policy, TUM was able to demonstrate its capacity for renewal in the Excellence Initiative (2006 - 2018). Scientific excellence with a strong theoretical foundation, as well as brand-building and trans-disciplinary collaborative research characterise the profile of TUM just as much as its international nature at home and its global presence:

- 30 percent of TUM's students and 40 percent of our tenure track professors are from abroad
- numerous international visiting scientists have already contributed to the research at TUM. Building on the success of TUM Asia Pte. Ltd. (2002) and TUM CREATE (2010) in Singapore, with liaison offices in Brussels, Cairo, Mumbai, Beijing, San Francisco and São Paulo TUM is now based on four

continents and maintains contact with its alumni, partners and friends.

The entrepreneurial mindset has become firmly anchored in the university community. It stands for a constant willingness to change and has laid the foundations for previously unthinkable structural reforms. These have now started to bear fruit:

- Our students are among the best educated in the world, ranked sixth framed by Stanford and Princeton
- > more than 100 of the renowned ERC grants have been awarded to TUM in the last 10 years
- with a success rate of 90 percent, we are more successful than ever before in applying for DFG Collaborative Research Centres (SFBs) (+ 50 percent in 5 years)
- with 70 to 80 high-tech start-ups p.a., TUM is the most successful German entrepreneurial

As the only technical university in Germany TUM has been awarded the title 'University of Excellence' for the third time in a row just a few months ago. 'Your TUM' is now one of the strongest research universities in Europe – something we can all be proud of!

#### Successful, cosmopolitan and diverse

Father to the idea and a powerful engine behind these successes was Professor Wolfgang A. Herrmann. In a close relationship of trust with him, I had the pleasure of helping to shape TUM over the last ten years in the role of Managing Vice President for Research and Innovation. During his 24-year presidency, Wolfgang A. Herrmann's profound understanding of science, his limitless curiosity, as well as his cosmopolitan mindset have become a part of the entire university culture. As a foresighted university leader, entrepreneurial thinker and skilful politician, he has repeatedly critically questioned conventional practices, envisioned the future and set the course in order to venture into previously unthinkable directions. To this end, he relied on a distinctive culture of appreciation, seeing the talents in the TUM Family as the most important source of sustainable value creation. With that Wolfgang A. Herrmann has made TUM more successful, more cosmopolitan and more diverse.



Prof. Dr. Thomas F. Hofmann (TUM Alumni Doctorate Chemistry 1995, Habilitation 1998) on the balcony of the TUM Institute for Advanced Study (TUM-IAS) at TUM Campus Garching.

#### Alumni are enriching the TUM Family

Like you, I am an Alumni of TUM. And I am proud to be a part of the international network formed by our 81,000 alumni. Numerous generations of students and researchers have become valuable brand ambassadors for our university on all continents. They carry the knowledge they have acquired at TUM into the vast worlds of science, business, politics and society. As 'global citizens', they frequently make a difference in society with their intellect, responsibility and cosmopolitan outlook. And they are enriching our TUM Family by passing on their different talents, ways of thinking and experiences to the next generation – this makes us all proud and motivates us every day to reflect on the future with foresight.

#### Into the future with a strong TUM

We live in times of change. We are experiencing exponential technological leaps, structural economic changes, social paradigm shifts and rapidly changing global labour markets – right now the future needs a strong TUM and its alumni more than ever before. TUM's energetic people and the open-mindedness of the university community encourage necessary further developments with which we want to align TUM to the challenges of our time within the framework of our TUM AGENDA 2030 (more on p. 12). This is why I am asking for your active support! Let us use the potential of our alma mater together in order to reach the echelon of a world-class university.

#### Celebrating the university family

Even though, as a result of digitalisation, the world increasingly seems like a village, the personal interaction of the people at our university is and remains an invaluable asset. For me, TUM's Advent Concerts are one of the most beautiful and lasting moments of the year. For the 11th time, we are once more gathering our global university family at this year's Advent Concert in December in order to bring the year to a close together, to refresh old friendships and to make new ones – across

disciplines, cultures and continents. This year on this festive occasion it is my pleasure to welcome you as President for the first time. I am already looking forward to this, as well as to honouring our renowned visiting scientists as TUM Ambassadors and to presenting our distinguished golden and silver jubilarians with their diploma and doctorate certificates as a sign of our appreciation. I am full of expectation for you personally and for your varying life stories! As a member of the TUM Family you can look forward to feeling the close connection and strength of our university community, which is makes 'Your TUM' so special.

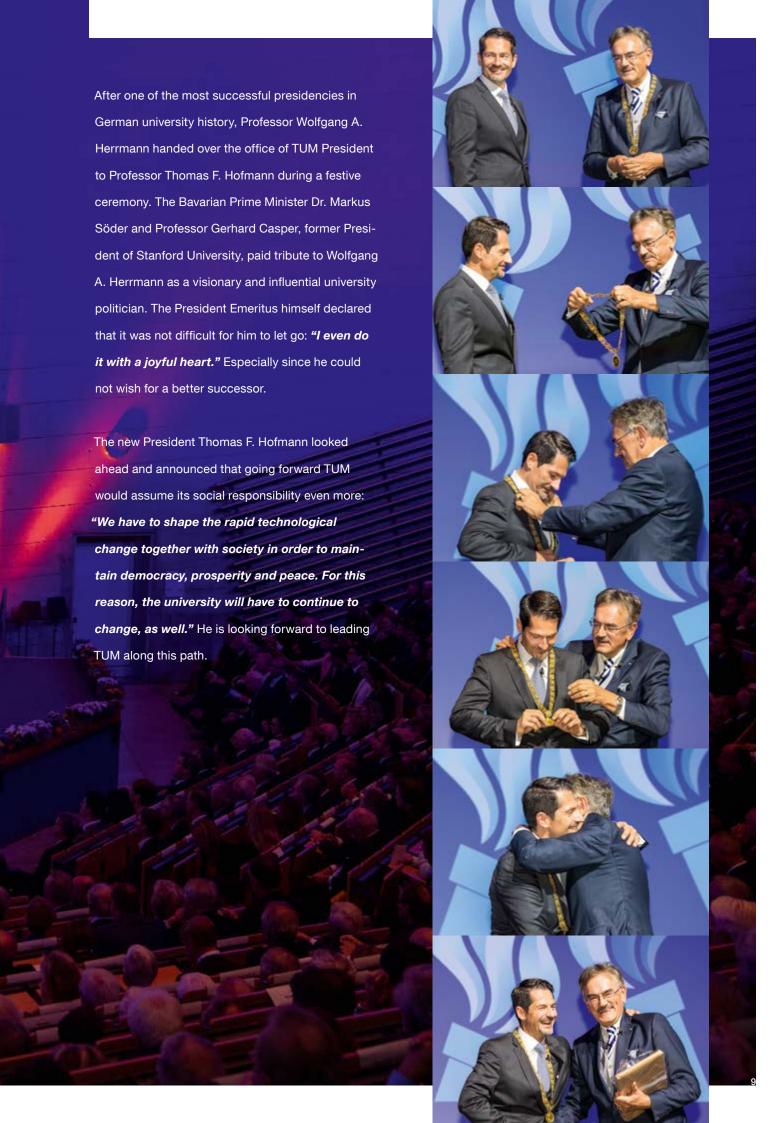
#### Opening up new spheres of activity

I am delighted that I can now start, and tackle my new assignment. This involves gauging the rapidly changing world anew every day and letting the people of TUM become co-creators of these changes themselves. In doing so, we will be able to prepare our students for a successful future and to produce influential researchers and leaders. In doing so, we will open up new spheres of activity and future-oriented fields of innovation in order to shape the future in cooperation with society and make human coexistence more sustainable and better. In doing so, the future will be: T U M!

Thomas F. Hofmann

President













#### Pictures (TB)

- 1 Both presidents celebrated the special occasion with their families and partners: from left to right Lennart Hofmann, Lavinia Hofmann, Ivonne Hofmann-Sellier, Prof. Dr. Thomas F. Hofmann, Dr. Ana Santos and Prof. Dr. Wolfgang A. Herrmann.
- 2 TUM Chancellor Albert Berger and Vice President Prof. Dr. Juliane Winkelmann hosted the special event with a lot of charm and the occasional joke.
- 3 Prime Minister Dr. Markus Söder, in between the TUM Presidents, held a laudatory speech on the achievements of Professor Wolfgang A. Herrmann in the Main Auditorium: "You have rendered outstanding services to all of Bavaria. Thank you very much for that."

The new President Thomas F. Hofmann is presenting the TUM AGENDA 2030.

# LEADING THE WAY INTO THE FUTURE

In July 2019, TUM was once again awarded the title 'University of Excellence'. With a prize money of 105 million euros for the timeframe of 2019 to 2026, the TUM AGENDA 2030 can now be implemented. President Thomas F. Hofmann explains what this is all about and where TUM will break new ground in the future.

Innovation through talent, excellence and responsibility is the subheading of the strategy for the future 'TUM. THE ENTREPRENEURIAL UNIVERSITY', with which TUM gained the rating 'University of Excellence' in July 2019: for the third time in a row. This success is based on the entrepreneurial spirit, the innovative power and the excellently trained talents of our university, with which TUM has made a significant contribution to social development and to the shaping of the internationally renowned brand 'Made in Germany' in its 150-year history. Once upon a time, inventors such as the young Carl von Linde, professor of Mechanical Engineering, developed the first refrigeration machine suitable for practical use, and Rudolf Diesel redefined mobility with his engine. Today, deeptech start-ups founded at TUM and by TUM Alumni such as Celonis (process mining), NavVis (indoor navigation systems), Konux (AI/IOT sensors) or Lilium (air taxis) give important impetus to the design of tomorrow's world with their innovations.

#### COURAGE AND PIONEERING SPIRIT

The renewed title of excellence also signifies the entrepreneurial courage and the pioneering spirit with which TUM is opening up to future developments in the next decade. With the TUM AGENDA 2030, we are making the university more dynamic, more capable of transformation and geared to the technological and social challenges of our time.

Exponential technological leaps in digitisation, miniaturisation and biologisation bring breathtaking changes in science, economy and society, which TUM wants to shape through brand-building collaborative research. At the same time, rapidly changing labour markets and social paradigm shifts pose new, historical challenges to the training of future talent and to innovation processes, products and services across all sectors of technology: Energy & Climate · Resources & Environment · Mobility & Infrastructure · Health & Nutrition · Information & Data Security. TUM is committed to aligning its research and innovation processes more closely with the values, needs and expectations of society.

# A summary of

TUM AGENDA 2030 (in German) can be downloaded here:



# ENGINEERS FOR MODERN SOCIETY

Responsible Research and Innovation – this is TUM's future mission! With this assignment, we address relevant scientific questions and are launching one of the most far-reaching reform initiatives in the history of our university. Building on the outstanding success and the valuable brand of German Engineering, we want to lead our engineers into the conceptual world of a modern society. To this end, we continue to develop engineering, which is traditionally strongly product- and production-oriented, into 'human-centred engineering', which focusses on user functionality.

We are initiating a fundamental modernisation of our research and teaching formats. Our new credo on the way to responsible, socially acceptable and sustainable innovations is the integrative cooperation of Engineering, Natural and Life Sciences and Medicine with technology-ori-

ented Humanities, Social Sciences and Economics. To do so, we rely on the success of our Munich Center for Technology in Society (MCTS), the TUM School of Governance and the Bavarian School of Public Policy (HfP), expand our Humanities and Social Sciences with a unique technological profile and integrate them on a broad scale into the Natural and Engineering Sciences.

Also the fields of expertise of Neuroengineering and Computational Science and Engineering (CSE) will be expanded. Thus, the new TUM Institute for Data Science, integrates the breathtaking advances in Data Science and Processing Power into current fields of application, which promises transformative developments. The TUM Institute for Technology Design will provide us with 'Design Thinking' methods in teaching, research and innovation processes with the aim of opening up new solutions to complex technical problems that are user-oriented and functionally optimised.

# **SCHOOLS**INSTEAD OF DEPARTMENTS

The future of TUM is based on its strong foundation of disciplinary profiles, but it belongs in particular to brand-shaping and transformative collaborative research. To this end, we transcend the limitations of TUM's conventional organisational structure and align our subject classification with the more flexible governance structure of a matrix-linked system of schools. Seven schools will replace the familiar 15 departments, which will expand TUM's radius of action at the interfaces of the classical disciplines and, with the University Hospital rechts der Isar and the German Heart Centre Munich, will also include TUM's strong medical activities.

In order to boost the scientific interactivity of TUM in interdisciplinary focal points relevant to the future, we will establish 'TUM Innovation Networks', which serve as cooperative alliances between the schools while still being integrated into the system. In this way we flexibly address the major social challenges in a discipline-based, as well as interdisciplinary manner, so that not only scientific-technical aspects but also creative-functional, political, social, economic and moral/ethical implications can be considered. A service-oriented university administration, which will be significantly more efficient through digital processes and internationally experienced personnel, will strengthen this matrix structure.

# MUNICH – A HUB FOR INNOVATION

We will generate these interactive synergies beyond the borders of TUM and reach into the Munich metropolitan region in order to effectively meet the international competition of innovative ecosystems such as the Bay Area, the London Golden Triangle or the Greater Boston Area. With the ONE MUNICH strategy, TUM and LMU are implementing a strategy-building process aiming at consistently aligning Munich's strong scientific and economic environment with the strategic use of potential for interaction and synergy in future-oriented fields. In doing so, we want to attract innovators from all over the world, develop Munich into a European hub for business creation and accelerate the economy's and society's diffusion and adaptation of innovative technologies, products and services.

# SUCCESSFUL ALUMNI REMAIN STUDENTS THROUGHOUT THEIR LIVES

The new matrix structure is also addressing the need for action to modernise teaching, which today needs to be geared towards the prospective labour markets of tomorrow. Current students will frequently be changing their employers in the course of their future careers. The skill profiles for global labour markets expected from students are changing rapidly; a career in the future will span almost half a century and will require continuous education and training. Alumni who are successful in the long term have learnt to work efficiently with people from different disciplines, mindsets, cultures and backgrounds.

In order to account for this change, we are establishing the TUM Institute for Study and Teaching with the mission of developing more personalised study programmes across schools, which are geared not only to the skills profiles of future labour markets, but also to the motivations and talents of our students. However, being technically profound is no longer sufficient for a course of study. We will get rid of outdated content, dissolve traditional boundaries between disciplines and embed Informatics as a new element into the basic canon of our degree programmes. By integrating Humanities and Social Sciences into modern teaching, we want to instil a new mindset for responsible thinking and acting, and support students in sharpening their sense of values.

With the 'TUM. The Open University Initiative' we introduce a phase transition: from studying at TUM once towards lifelong further and advanced training. With tailor-made offers TUM wants to keep its working alumni,

executives and technical experts from the economic sector competitive and professionally successful. The idea of TUM being a companion for its alumni's life and career is supported by the new TUM Institute for Lifelong Learning, which, as a new profile sharpening element of TUM, addresses professional advanced training, as well as in-house advanced training. Even more than today, TUM will be a place for the entire TUM Family to return to again and again. A place where people from the sciences, business and society can be inspired and receive further training, challenge each other and work together in processes of innovation.

Our strategy for the future, the TUM AGENDA 2030, is a comprehensive reform package, which will make TUM a global centre of knowledge exchange, further develop existing potentials and open new pathways into the future. Our common goal is and remains to master the social challenges of the future through innovation and to sustainably improve people's lives and their coexistence.



The TUM Board of Management under the leadership of President Thomas F. Hofmann will make sure that the TUM AGENDA 2030 will become a reality.

From left to right:

Prof. Dr. Gerhard Kramer

Senior Vice President for Research and Innovation

Albert Berger

Chancello

Prof. Dr. Juliane Winkelmann

Senior Vice President for International Alliances and Alumnii

Prof. Dr. Thomas F. Hofmann

President

Dr. Hans Pongratz

Senior Vice President for IT-Systems and Services (CIO)

Prof. Dr. Claudia Peus

Senior Vice President for Talent Management and Diversity

Prof. Dr. Gerhard Müller

Senior Vice President for Academic and Student Affairs

Dr. Jürgen Weichselbaumer

Vice President for University Development and Planning

# HOLDING

Who elects the president and what are his duties? Who assists him in running his office? How long does a term of office last and how is the president addressed correctly?



The president internally and externally represents the university, chairs the meetings of the university board and implements the resolutions of the central institutions and the university board. Furthermore, he/she is responsible for the further development of the university and for university policy objectives. He/she has reporting obligations and is accountable to the Senate and the Board of Trustees. The president is the supervisor for all the university employees in the service of the Land of Bavaria and exercises property rights on the university grounds.

# HOW DO YOU BECOME PRESIDENT OF A UNIVERSITY?

The President of TUM is elected by the Board of Trustees and subsequently appointed by the Minister of State for Science and the Arts. The election should take place three months before the end of the term of office at the latest. The details of the election are regulated in the constitutional structure of TUM. First, a list of possible candidates is put together: candidates can either apply on their own or are nominated by the deans and the Board of Trustees. The latter have to approve the candidacy in writing. One week before the election at the latest, a meeting of the Board of Trustees takes place at which the candidates are presented, which gives them an opportunity to talk to the Board of Trustees. The election itself is secret. If there is no majority, a run-off vote is held. The winner of the election has one week to accept the vote in writing. The vice presidents are elected according to the same procedure. In October 2018, the Board of Trustees elected Prof. Dr. Thomas F. Hofmann, previously Vice President for Research and Innovation at TUM, as the next President of TUM.

# WHO SUPPORTS THE PRESIDENT IN HIS/HER TASKS?

The Board of Management is supporting the president in the performance of his/her duties. It is responsible for the university's political goals and the development of the university. The Board of Management represents the ideals of TUM: a scientific approach, international orientation and entrepreneurship. In addition to the president the TUM Board of Managers includes seven vice presidents and the chancellor. Furthermore, the TUM Extended Board of Management, the Senate and the Board of Trustees are supporting the president in carrying out his/her duties.

# WHAT IS THE CORRECT WAY TO ADDRESS THE PRESIDENT?

The constitutional structure of TUM states: "During their term of office, the President shall hold the honorary title of Magnificence." However, this formerly customary form of address is less common in everyday business today and is now mainly used on formal occasions.

# HOW LONG IS A PRESIDENT'S TERM OF OFFICE?

The length of the term of office is regulated very differently at different universities. The Bavarian University and College Act stipulates that a term of office may last a maximum of six years, i.e. twelve semesters, and may be extended to a maximum of twelve years. However, it is left to the universities to lay down other requirements in their constitutional structures. TUM's constitutional structure defines a term of office of twelve semesters, but a president can be re-elected several times.



#### **DIRECTORS**

Kgl. Bayer. Polytechnische Schule zu München [Royal Bavarian Polytechnic School Munich], since 1877 Technische Hochschule München [Technical College Munich]

1868 - 1903

1868-1874	Carl Max von Bauernfeind Civil engineer and geodesist
1874–1877	Wilhelm von Beetz Physicist
1877–1880	August von Kluckhohn Historian
1880–1889	Carl Max von Bauernfeind Civil engineer and geodesist
1889–1895	Karl Ritter von Haushofer Mineralogist
1895–1900	Egbert Ritter von Hoyer Mechanical engineer
1900–1903	Walther Ritter von Dyck Mathematician

# DIRECTOR, RECTOR, PRESIDENT – WHAT IS THE DIFFERENCE?

The person at the head of TUM was originally called Director and was state-appointed. Karl Max von Bauernfeind, a German geodesist and bridge builder, was the first director of what is TUM today (1868-1874 and 1880-1889). When he opened the new college in 1868, he had just turned 50. He said that TUM had the task of "taking the spark of science to the commercial and industrial world". Later, Director Walther Ritter von Dyck (1900-1906) appealed to Prince Regent Luitpold for free elections of the rectors and was elected first rector in 1903. In 1974 the procedure changed again. The new Bavarian University and College Act stipulated a constitution for the presidency and chancellorship. This was implemented in April 1976, when Ulrich Grigull, Mechanical Engineer and then rector in office, was elected as the first president of TUM. Since its foundation, TUM has had seven directors, 31 rectors and six presidents. With 24 years in office TUM President Emeritus Wolfgang A. Herrmann was not only the longest serving president of TUM, but also in the entire German university history.

#### **RECTORS**

Technische Hochschule München [Technical College Munich], since 1970 Technical University of Munich

# 1903 - 1976

1903–1906	Walther Ritter von Dyck Mathematician
1906–1908	Friedrich von Thiersch Architect
1908–1911	Moritz Schröter Mechanical engineer
1911–1913	Siegmund Günther Geographer
1913–1915	Heinrich Freiherr von Schmidt Architect
1915–1917	Karl Lintner Chemist
1917–1919	Karl Heinrich Hager Mechanical engineer
1919–1925	Walther Ritter von Dyck Mathematician
1925–1927	Jonathan Zenneck Physicist
1927–1929	Kaspar Dantscher Hydraulic engineer
1929-1931	Johann Ossanna Electrical engineer
1931–1933	Richard Schachner Architect
1933–1935	Anton Schwaiger Electrical engineer
1935–1938	Albert Wolfgang Schmidt
	Chemist
1938–1945	Lutz Pistor
1938–1945 1945	
	Lutz Pistor Civil engineer Hans Döllgast
1945	Lutz Pistor Civil engineer Hans Döllgast (ad int.) Architect Georg Faber
1945 1945–1946	Lutz Pistor Civil engineer Hans Döllgast (ad int.) Architect Georg Faber Mathematician Robert Vorhoelzer
1945 1945–1946 1946–1947	Lutz Pistor Civil engineer  Hans Döllgast (ad int.) Architect Georg Faber Mathematician Robert Vorhoelzer Architect Ludwig Föppl Mechanical engineer Hans Piloty
1945 1945–1946 1946–1947 1947–1948	Lutz Pistor Civil engineer  Hans Döllgast (ad int.) Architect  Georg Faber Mathematician  Robert Vorhoelzer Architect  Ludwig Föppl Mechanical engineer Hans Piloty Electrical engineer  August Rucker
1945 1945–1946 1946–1947 1947–1948 1948–1951	Lutz Pistor Civil engineer  Hans Döllgast (ad int.) Architect  Georg Faber Mathematician  Robert Vorhoelzer Architect  Ludwig Föppl Mechanical engineer  Hans Piloty Electrical engineer
1945 1945–1946 1946–1947 1947–1948 1948–1951 1951–1954	Lutz Pistor Civil engineer  Hans Döllgast (ad int.) Architect  Georg Faber Mathematician  Robert Vorhoelzer Architect  Ludwig Föppl Mechanical engineer Hans Piloty Electrical engineer  August Rucker Civil engineer  Robert Sauer
1945 1945–1946 1946–1947 1947–1948 1948–1951 1951–1954 1954–1956	Lutz Pistor Civil engineer  Hans Döllgast (ad int.) Architect  Georg Faber Mathematician  Robert Vorhoelzer Architect  Ludwig Föppl Mechanical engineer Hans Piloty Electrical engineer August Rucker Civil engineer Robert Sauer Mathematician Ernst Schmidt
1945 1945–1946 1946–1947 1947–1948 1948–1951 1951–1954 1954–1956	Lutz Pistor Civil engineer  Hans Döllgast (ad int.) Architect  Georg Faber Mathematician  Robert Vorhoelzer Architect  Ludwig Föppl Mechanical engineer Hans Piloty Electrical engineer August Rucker Civil engineer Robert Sauer Mathematician  Ernst Schmidt Thermodynamics engineer Max Kneissl
1945 1945–1946 1946–1947 1947–1948 1948–1951 1951–1954 1954–1956 1956–1958	Lutz Pistor Civil engineer  Hans Döllgast (ad int.) Architect  Georg Faber Mathematician  Robert Vorhoelzer Architect  Ludwig Föppl Mechanical engineer Hans Piloty Electrical engineer August Rucker Civil engineer Robert Sauer Mathematician  Ernst Schmidt Thermodynamics engineer Max Kneissl Geodesist Gustav Aufhammer
1945 1945–1946 1946–1947 1947–1948 1948–1951 1951–1954 1954–1956 1956–1958 1958–1960	Lutz Pistor Civil engineer Hans Döllgast (ad int.) Architect Georg Faber Mathematician Robert Vorhoelzer Architect Ludwig Föppl Mechanical engineer Hans Piloty Electrical engineer August Rucker Civil engineer Robert Sauer Mathematician Ernst Schmidt Thermodynamics engineer Max Kneissl Geodesist Gustav Aufhammer Plant breeder Franz Patat

**Gerd Albers** 

Urban planner

**Horst Engerth** *Brewing engineer* 

**Ulrich Grigull**Mechanical engineer
(Thermodynamics)

**Heinz Schmidtke** Engineer (Ergonomics)

1965-1968

1968-1970

1970-1972

1972-1976

**PRESIDENTS** 

Technical University of Munich

 $_{1976} - 2019$ 



1976–1980 Ulrich Grigull Mechanical engineer



1980–1986 Wolfgang Wild Physicist Bavarian Minister of Science 1986–1989



1986-1987 Herbert Kupfer civil engineer



1987–1995 Otto Meitinger Architect



1995–2019 Wolfgang A. Herrmann Chemist



seit 10/2019 Thomas F. Hofmann Food and organic chemist

AN INTERVIEW WITH

THOMAS F. HOFMANN

TUM PRESIDENT

AND

WOLFGANG A. HERRMANN

PRESIDENT EMERITUS

# HANDOW WITH A SHARED VISION





After 24 years as the President of the Technical University of Munich, Wolfgang A. Herrmann hands over his office to Thomas F. Hofmann. The renowned food and organic chemist was Senior Vice President for Research and Innovation at TUM for ten years. For more than a decade, the two TUM Alumni have been working together on the vision of making TUM one of the best universities in the world. In an interview they talk about how they got to know each other, what challenges the presidency presents and why TUM means so much to them personally.

# Professor Herrmann, in 1995 you became President of TUM. In the same year, Professor Hofmann completed his doctorate at TUM. Do you still remember your first meeting?

Wolfgang A. Herrmann (WH): Is that how it was? Really? Was it that long ago? (laughs)

Thomas F. Hofmann (TH): Oh, yes! While I was doing my doctorate, you were still Dean of Chemistry, the department I was at back then.

WH We are both chemists but the faculty was already very large at that time. I can't remember running into you. Besides, us people from Inorganic Chemistry rarely dealt with food chemists (laughs). But I was involved in the appointment of Professor Peter Schieberle, Thomas' doctoral advisor. Food Chemistry at TUM has always been a very strong discipline, which means that he comes from a very good school, without question. But it wasn't until later that I really noticed him. I heard that there was a very young professor in Münster who did his doctorate with us and now wants to follow a call to the Eidgenössische Technische Hochschule (ETH) in Zurich.

### And that prompted your ambition to win over Professor Hofmann?

WH I did some more research on him, where he came from, what he's done so far. Then I found out that he has family roots in Freising and I really wanted to give it a try. I said: on the way from Münster to Zurich we'll catch this migratory bird in Munich. And that's what we did. He got a very attractive offer and fantastic prospects for development. And so without further ado we won him over, a great stroke of luck. And after only two years he became Vice President.

# Professor Hofmann, at that time you had almost already signed with the ETH Zurich. Why did you end up at TUM in spite of that?

TH When I got the call from Munich, I was actually surprised. At that time, Food Chemistry had a chair here, but it was filled. And I had indeed already negotiated with ETH and was about to sign there. So I just cut my vacation short and went to Munich. It turned out that TUM's offer was great. Professor Herrmann also presented me with a remarkable development concept for Food Chemistry at TUM. He set up a new chair for me in no time at all, but what impressed me most was the outstanding

WH We had already begun to thoroughly reform the entire field of Nutrition and Food Sciences at the beginning of my presidency - initially against massive resistance. I wanted to turn the Weihenstephan faculties into a centre that deals with the question of how we can and want to feed mankind in the future. So we united the Nutritional Sciences, the Agricultural and Environmental Sciences in Weihenstephan and also integrated physicians and engineers by adding Nutritional Medicine and Food Technology. Biology was relocated to Weihenstephan and strengthened. This was quite a drastic move, but very successful. Soon it was also apparent from the outside that things were on the right track here. Is there anything that makes a university more attractive than opportunities for development that extend the traditional subjects? This has become one of TUM's major strengths.



#### What do you mean, exactly?

WH For the professors who come to work with us, it is usually not about whether they will get one or two additional assistant positions. This may have been the case in the past but is now old hat. A university has to be able to evolve, because the good people will find the money anyway. Third-party funding is available in abundance everywhere.

**TH** And what good is it if you are the greatest in your own right, but you don't have a partner to exchange ideas on your scientific level with? And this is what it comes down to if you want to overcome the limits of knowledge and strategically develop the university.

WH That's exactly it.

TH And that goes for all professorships. Outstanding scientists usually change their research focuses and working methods or expand them through effective cooperation with other disciplines. Those who are not that flexible will eventually end up on the holding track. On the other hand, curiosity, mental flexibility and the ability to learn are essential elements of any real breakthrough. This is why the cooperative environment and infrastructure of a university are so important.

**WH** And you can only be successful in the long term if you have your own line of research, if you leave your signature on a field of research. As a creative scientist this also ensures that you remain interesting for business and industry. If you allow the industry to abuse you as an extended workbench, you will soon lose all value.

# Professor Hofmann, this dynamic at TUM is what attracted you in particular. In Münster, did you hear anything at all about the new president in Munich?

**TH** I already noticed him when I was still at TUM and did my habilitation.

WH Really?

**TH** Yeah, you were already pretty busy back then (laughs). I can still remember the inaugural speech during which you proclaimed your motivation and your great ambitions. I was very impressed.

**WH** And as the president, I made myself unpopular straight away when I initiated the changes in Weihenstephan (laughs).

TH At that time I was still at the Chemistry department in Garching, we didn't feel much of Weihenstephan there. But the motto 'At home in Bavaria, successful in the world' hung over the doors of the faculty, where you had previously been dean. So I thought to myself: the president is a pretty cool guy. Really, I liked that. But

when I came to Münster as a young professor at the age of 32, I unfortunately found an example for the opposite.

#### How was Münster compared to TUM?

TH The Faculty of Chemistry in Münster was an impressive faculty, scientifically strong, great colleagues who were very committed to Chemistry. But overall, the University of Münster was marked by a certain lethargy. There was no strategy for university development, hardly any new approaches to overcoming the hurdles of German academia, and there were no international benchmarks either. I was the first person there to carry out a research project with a US company in 2002. At that time, the university didn't even have an English-language contract - I wrote the first one for the university myself. In a direct comparison with TUM, Münster was not active enough, not empowered enough, without any incentive to make the university fit for the future. In contrast, TUM developed guite differently. And that's how it has to be if you want to reach the top!

#### On the 30<sup>th</sup> of September you, Professor Herrmann, handed over the presidency to Professor Hofmann. Do you remember when you were appointed yourself?

WH Yes, of course. We went to the ministry – my whole family and I. It was already a big family back then. My mother was also there, so we were quite a lot of people. We waited outside the office of the then Minister of Science Hans Zehetmair. Suddenly the door opens a crack and Zehetmair looks out, then he quickly shuts the door again. Later on his secretary told him that we were waiting. It turned out he thought we were the Russian delegation announced for 2 pm because we were so many people (laughs).

### Why was it important to you to bring your whole family for the occasion?

WH As the president, the entire family is involved in this office. The children were sometimes teased at school with the fact that I had been called a 'nuclear nut' when I got the research reactor for Garching off the ground. One time a paparazzo was out on the street and took photos of our house. These are the not-so-funny dark sides of the job, and you have to bear them together.

**TH** I can only second that. I have two great children and an amazing wife without whom I would have never got this far. Fortunately, I have always had the support from home. Only a fool makes such a decision, running

for president, without his family. Because this job infiltrates all areas of life.

**WH** It is a unique challenge, but also the most wonderful task in the world.

### What is your main motivation, Professor Hofmann? Why do you want to be President of TUM?

TH In the course of the past ten years as Vice President, I have seen how incredibly well this university has developed. Today we are in a place that allows us to play in an international league. I travel a lot. Many of the world's top universities are transforming at an enormous rate. Only if we don't rest and constantly measure ourselves against the world will German Academia continue to be attractive for our students and partners. We can't take a break, but have to keep checking every day where our chances for development and future opportunities are located, and we have to take measures to align the university accordingly in terms of content and structure. Lovers of the status quo will be relegated tomorrow. That is why it is so important to me, as the new president, to lead TUM courageously and sustainably to new heights and to make us deserve the responsibility for education and innovation the university carries in the midst of a modern society.

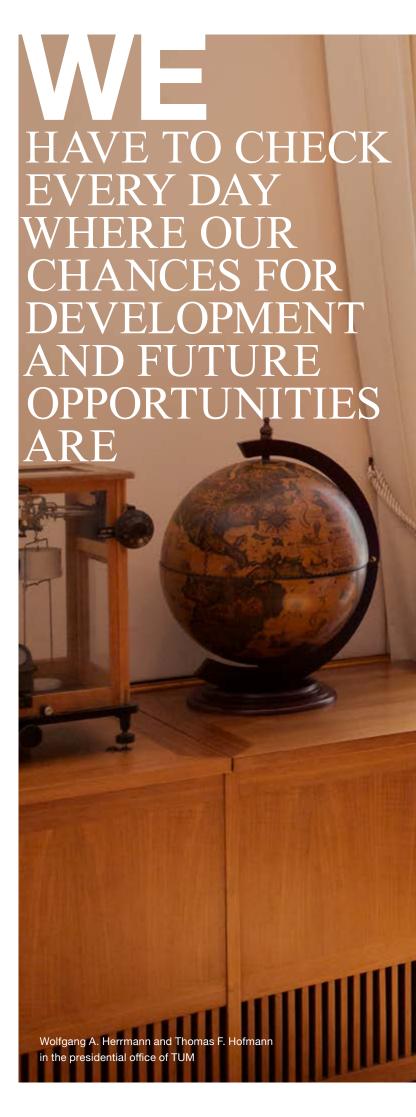
### What was it like for you back then, Professor Herrmann?

**WH** I actually didn't really want the job (laughs). I was happy where I was: a successful chemist, content in my field. I surely would have had a much easier time if I had stayed where I was.

#### And why did you become president after all?

WH As a dean, I was a member of the University Senate. I witnessed appointment processes, which were beneath contempt. Interdisciplinarity, internationality and competitive power played no role at all. That was, let's say, a gathering of fussiness, and as a young professor this annoyed me. I often harshly criticised them, and together with students and assistants we gained the majority and also overturned the shortlist of candidates. When that was done, I vowed to leave this inefficient form of 'university self-administration' to others.

TH Whoa, are you serious?







WH Yes. But at some point more and more people approached me. They said that if you criticise that much, you have to also face your own duty. And that's what I did after some hesitation. Actually it was facing-onesown-duty for the sake of a better university. I have realised that just words are not enough. But I also promised myself: four years and not a day longer, then my duty is done.

#### It's been 24 years.

WH Once I was in office, reforms were launched, driven by the then Bavarian Prime Minister Edmund Stoiber, who relied entirely on me. But this was not met with approval. Straight from the beginning I faced a lot of blowback. Many people probably thought: "This young president has yet to learn how things work around here." They wanted to sit it out. But we didn't give up and had strong political support. We were the ones who had good ideas. With our campus in Garching, for example, we set a structural policy in motion that right now, with a different motivation, allows us to again set off for new shores. TUM is experiencing a boom right now, and in Garching we have the spatial opportunities for development we now need. We have become an entrepreneurial university, and that was my goal from the very beginning on.

#### What does the presidency mean to you?

WH It definitively is not the most important thing. You know, the creative, skilled man at the lathe in one of our workshops is just as important as the professor. It is the diversity of talents that defines TUM. And that's why I always wanted to make sure this diversity is being promoted. But not with the cheap scattergun approach, but according to talent. The success of TUM is not based on the president, but on a large motivated community.

#### And to you, Professor Hofmann?

TH In the last 24 years, TUM has seen great and farreaching reforms. I have experienced some of them myself and have played an active role in shaping them. But our potential has not yet been exhausted, especially since we are constantly facing new challenges. I am proud that I can now make an even bigger contribution to improving TUM further. We want to place TUM more firmly in the centre of society and become a global leader.

#### Is there a moment from your presidency, Professor Herrmann, that you would like to put a frame around?

WH Oh well, there are so many. For example when we opened our TUM branch campus in Singapore in 2002. I stood in front of the building of the National University of Singapore, which has a wonderful driveway, with the Chain of Office around my neck as the president of a German university. The high-ranking guests drove up, and eight ambassadors were there – eight! They came to our opening. This gives you the feeling that you've done something right, even though according to the German mindset what we started there seemed pretty crazy.

#### How so?

WH The Ministry here lost it. They said there was no way, and that, after all, I was responsible for Munich. But we created our own legal arrangement for TUM Asia, which made it possible. It was a wonderful experience: to be in Singapore wearing my Bavarian Chain of Office, as a Bavarian lion.

#### Any other memories?

*WH* Of course also certain encounters with benefactors, for example with Klaus Tschira – God rest his soul. He gave us millions so that we could renovate the clock tower of TUM and transform it into a prestigious centre. After all, the tower is the symbol of TUM. Unfortunately it had fallen apart over decades. Just in time for our 150th founding anniversary last year, the tower was revealed in its new splendour. Personally I was very pleased about that.

# Speaking of splendour: in July, TUM was selected as a University of Excellence for the third time in a row. What significance does this title have?

**WH** The award is the result of consistent reform work over several decades. It is the work of the entire university community, and that makes me happy. This third Excellence Initiative has once again shown that performance does not divide people, it unites them.

TH Yes, and it was precisely this joint effort by students, academics, the scientific support staff, the emeritus professors, alumni, partners, founders and friends that more than convinced the panel of experts during the formal presentation of our concept for the future. Now it is time to deliver – as a community.

**WH** I think overall we have presented a concept that is unique in the German university landscape. And not to forget: the Excellence Initiative upgrades certificates with a TUM stamp even more and makes them more valuable for each graduate going out of here and into professional life. They take along this seal of approval – the 'TUM Brand' – no matter what contribution they have made, it is their university.

# Just like how it is yours and Professor Hofmann's. You are both TUM Alumni. How important is an international and interdisciplinary alumni network for TUM? And why?

TH Their variety of talents, expertise, experience and cosmopolitan mindsets makes our 81,000 alumni valuable global citizens and brand ambassadors around the world. This is why we have started early to build a lively alumni network. And building it does not mean gathering dusty files on our students somewhere. Rather, it means that we maintain a committed mutual exchange with our alumni worldwide. Every year, 5,000 alumni, students and employees get together at our Advent Matinee concert and exchange ideas, refresh old friendships and form new ones. TUM cultivates a bond for life with its graduates, who in turn give back their experiences to TUM for the benefit of future generations.

### And what can TUM still do for its alumni in the future?

TH Alumni who are successful in the long term remain students throughout their lives. Global labour markets are changing rapidly and are constantly placing new demands on employees and thus also on our alumni. As a modern and responsible university, it is our new mandate to bring our alumni back to their university again and again, to offer further training in order to keep them professionally competitive throughout their entire lives. In the future Lifelong Learning will effectively expand TUM's profile.

# Professor Herrmann, now that you are clearing out your office for your successor to move in, do you feel a little wistful?

WH No, not at all. And I will most probably find a nice spot at TUM close by. But I'm getting out of the way, that's very important. Part of a successful person is a clean arrangement for the succession. Many people don't manage to do that because they think there is no better person for the job. And that, of course, is nonsense. New challenges require new talents.

#### How will you keep in touch from now on?

TH That will be pretty undogmatic. Many imagine the exchange between the two of us to be more complicated than it really is. We talk on the phone or message, sometimes we have dinner together and exchange ideas. That's good. Why shouldn't we do that anymore?

WH It's up to you how you want to do it, Thomas. You are the boss.



# PATHS OF LIFE OF BOTH PRESIDENTS

ONE IS FROM LOWER BAVARIA,
THE OTHER FROM FRANCONIA,
BOTH ARE TUM ALUMNI,
BOTH GRADUATED CHEMISTS,
ALBEIT WITH A DIFFERENT
TECHNICAL FOCUS.

Prof. Dr. Thomas F. Hofmann >

Prof. Dr. Wolfgang A. Herrmann >

#### 1967

Abitur [university entrance diploma] at natural science focussed Donau-Gymnasium Kelheim

#### 1967 – 1970

Study of Chemistry at TUM with a scholarship from the German Catholic Episcopate (Cusanuswerk)



1970 - 1971

Diploma thesis supervised by Prof. Dr. Ernst Otto Fischer at TUM



Dissertation (Dr. rer. nat.) under Prof. Dr. Henri Brunner at Universität Regensburg: 'Optically Active Transition Metal Complexes with Square-Pyramidal Geometry'

#### 1975 - 1976

Research Fellow of Deutsche Forschungsgemeinschaft with Prof. P. S. Skell at Pennsylvania State University (USA)

#### 1978

Habilitation Universität Regensburg: Habilitation on 'Organometallic Syntheses with Diazoalkanes' and venia legendi for Chemistry

#### 1979

Professor Extraordinarius at Universität Regensburg

# FOR MORE THAN TEN YEARS WOLFGANG A. HERRMANN AND THOMAS F. HOFMANN HAVE WORKED TOGETHER CLOSELY AS PRESIDENT AND VICE PRESIDENT OF TUM. BUT THEIR PATHS OF LIFE HAD ALREADY CROSSED EARLIER.



1996 - 199

Habilitation (Dr. rer. nat. habil.) at TUM's Department of Chemistry, Biology and Earth Sciences: 'Characterization of non-enzymatic products formed from carbohydrates, amino acids and proteins – Studies on ionic and radical reaction pathways leading to non-enzymatic food browning'.

#### 1002 4005

Doctorate (Dr. rer. Nat.) under supervision of Prof. Dr. Peter Schieberle at TUM's Department of Chemistry, Biology and Earth Sciences: 'Characterization of intense odorants in carbohydrate/cysteine model mixtures and clarification of their formation pathways'.

#### 1088 \_ 1009

Study of Food Chemistry at Friedrich-Alexander Universität Erlangen-Nürnberg

#### 1987

Abitur [university entrance diploma] at Meranier-Gymnasium Lichtenfels



#### 1992

Diploma thesis at Friedrich-Alexander-Universität Erlangen-Nürnberg

#### 1999 - 2002

Assistant professor and lecturer in Food Chemistry, TUM

Assistant director of the German Research
Centre for Food
Chemistry
(Garching)



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#### 1982

Chair of Inorganic Chemistry at Goethe University Frankfurt am Main



Chair of Inorganic Chemistry at TUM (in succession of E. O. Fischer)



1987

Gottfried Wilhelm Leibniz Prize of Deutsche Forschungsgemeinschaft



#### 1988 - 1990

Dean of TUM's Department of Chemistry

#### 1988

Call to ETH Zürich, Switzerland; not accepted

#### 1993

Call to ETH Zürich, Switzerland; not accepted

#### since 01.10.1995

President of TUM



1999

New organisational structure of TUM with separation of operational and controlling functions

#### since 1995

Member of the German National Academy of Sciences Leopoldina

#### 2006

As one of three awarded universities in Germany TUM receives the title 'University of Excellence'

#### 2012

Again TUM is awarded 'University of Excellence'

since 2015

#### 2016 - 2018

Visiting professor at the Faculty of Science, Chulalongkorn University, Bangkok, Thailand

Chair of Food Chemistry and Molecular Sensory Science at TUM

> Offer of a full professorship for Food Biochemistry at ETH Zurich; not accepted

Co-Director of the Bavarian Center for Biomolecular Mass Spectrometry, TUM

Member of ZIEL - Institute for Food & Health, TUM

Member of the Board of Trustees of the Max Planck Institute of Biochemistry and the Max Planck Institute of Neurobiology, Martinsried/Munich

Professor and Managing Director of the Institute for Food Chemistry at Münster University

Head of the Bioanalytics unit of ZIEL -Institute for Food & Health, TUM

2010 - 2012

Member of

the 'Zukunfts-

rat' (Council

on the Future

Government)

run by the

Bavarian



#### since 2002

Member of the German Academy of Science and Engineering

#### **Seit 2007**

Member of the International Advisory Council of the King Abdullah University of Science and Engineering (KAUST), Saudi Arabia

### 2009

University Manager of the Year (Financial Times Germany, Centre for Higher Education)

#### 2008-2014

Member of the Governing Board of the European Institute of Innovation and Technology

#### seit 2016

Member of the Board of Trustees of Bertelsmann Stiftung

#### 2015

Chairman of the Global Alliance of Technological Universities (Global Tech)

#### since 2014

Chairman of the 'Zukunftsrat' (Council on the Future of the Bavarian Industry) run by the Bavarian Industry Association (vbw)

#### 2012

University Manager of the Year (The German Association of University Professors and Lecturers)



Establishment of the TUM School of Life Sciences

#### 2019

For the third time in a row, TUM is a 'University of Excellence'

#### seit 2017

Member of the Supervisory Board of the European Institute of Innovation & Technology KIC EIT Food, Brussels

#### since 2017

Director of the Leibniz-Institute for Food Systems Biology at TUM, institution of the Leibniz Association



since 01.10.2019
President of TUM

#### PROF. DR. THOMAS F. HOFMANN

born May 8, 1968 in Coburg | married | two children | TUM Alumni Doctorate Chemistry 1998

EXPERIENCE The university manager has been Senior Vice President for Research and Innovation at TUM since 2009. SUCCESSFUL SCIENTIST The food and organic chemist has received numerous awards for his research and teaching. INNOVATOR Thomas F. Hofmann played a significant role in TUM's success in the Excellence Initiative, above all in establishing the internationally acclaimed 'TUM Faculty Tenure Track' recruitment and career system. START-UP SUPPORTER Under his leadership as Vice President, TUM has developed into Germany's top university for the establishment of start-ups.







#### since 2018

Head of the Structuring Committee for the Establishment of the Technical University of Nuremberg (TUN)

#### since 2017

Member of the Senate of Max Planck Society

#### PROF. DR. WOLFGANG A. HERRMANN

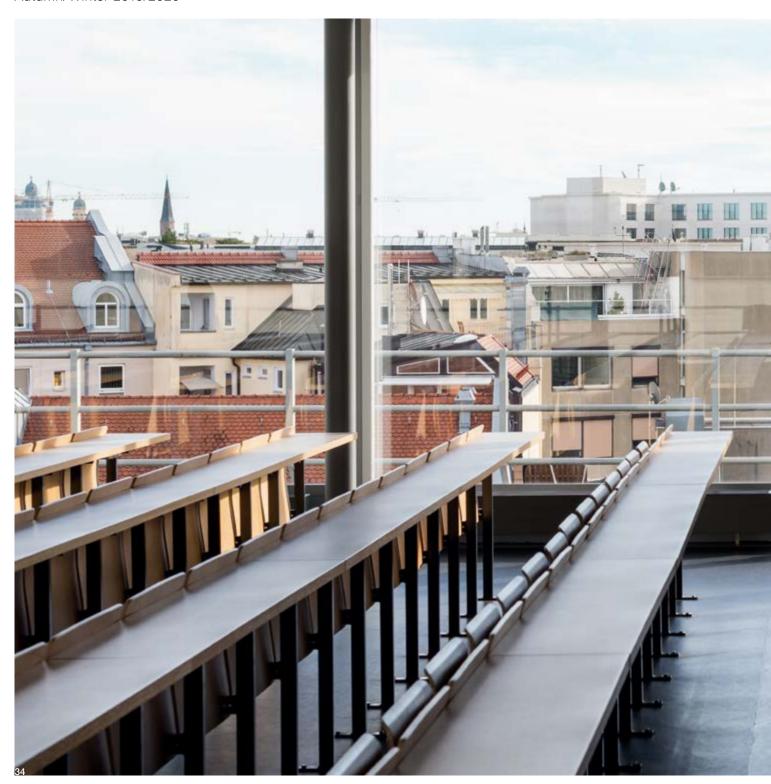
born April 18, 1948 in Kelheim | married | five children | TUM Alumni Chemistry 1971

MOTOR OF REFORMS With numerous reforms Wolfgang A. Herrmann has modernised TUM. With his initiatives in education policy he has shaped the landscape of German higher education. LUMINARY IN CHEMISTRY As a scientist, he

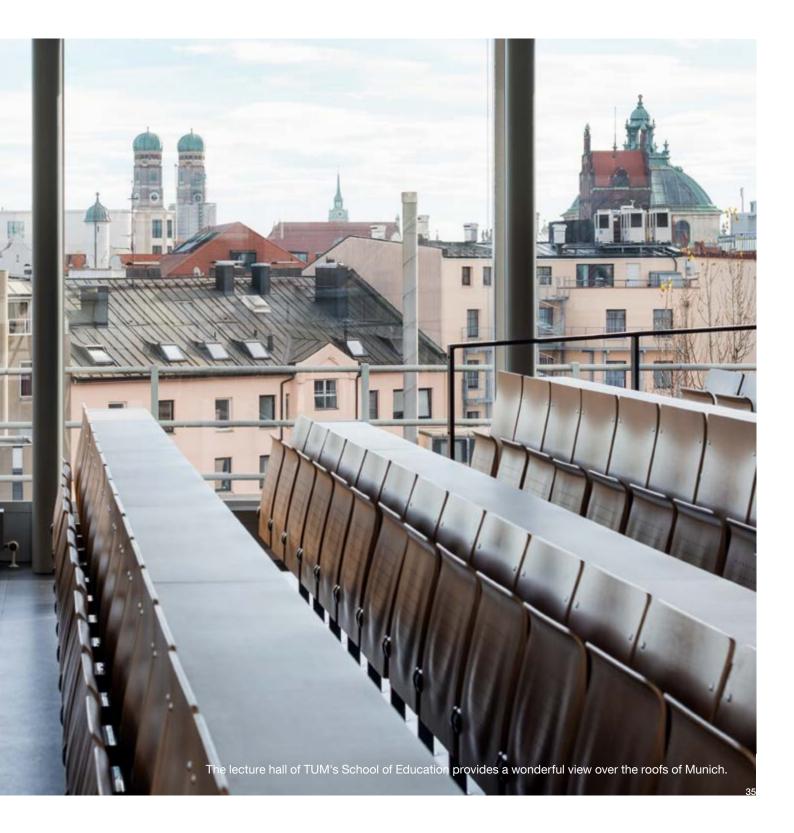
is one of the most internationally cited German chemists. ELECTED UNANIMOUSLY The TUM Board of Trustees unanimously confirmed Professor Herrmann in office for a further six years in February 2013. PRESIDENT OF THE YEAR In 2012, the The German Association of University Professors and Lecturers crowned TUM President Professor Herrmann 'President of the Year'.

# KontakTUM Programme

For Alumni of the Technical University of Munich Autumn/Winter 2019/2020







# GENERATIONS ARE CELEBRATING TOGETHER

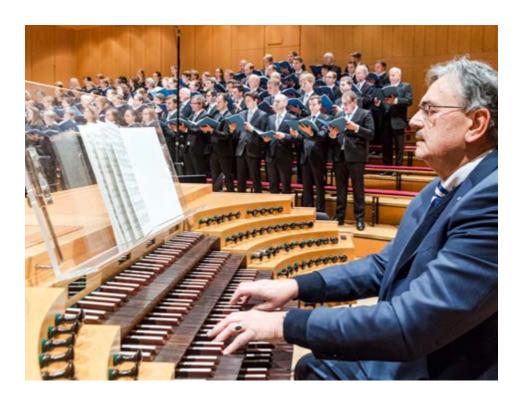


# EVERY YEAR THE ENTIRE TUM FAMILY IS GATHERING FOR THE ADVENT FESTIVITIES TO END THE YEAR TOGETHER.

The love for music has many TUM members and generations united: students, alumni and employees are singing and playing together in the TUM Choir and the Orchestra; old and young alike, members of the humanities and natural sciences and people of all nationalities are in the audience. At the festive Silver and Golden Jubilees, President Thomas F. Hofmann personally honours those alumni who completed their diploma or doctorate at our university 25 or 50 years ago. The TUM Family concludes the academic year with the Dies academicus.



#### WOLFGANG A. HERRMANN AT THE ORGAN



As an Alumni of TUM you know that Wolfgang A. Herrmann insists on playing the organ at TUM's annual Advent concerts in Munich's Gasteig. Leading up to the big festive event in December, the President Emeritus is tirelessly practicing in order to live up to his own high expectations. This year, visitors to the concert can once again look forward to his performance as a soloist.

A video of the TUM Advent Matinee 2018 is available here:



#### MUSICAL PROGRAMME

#### J. S. Bach

Opening and final chorus of the cantata
 Wachet auf, ruft uns die Stimme/
 Sleepers Awake

#### J. S. Bach / L. Stokowski\*

- Toccata and Fugue D minor
- Komm, süßer Tod
- Schafe können sicher weiden/
   Sheep may safely graze

#### J. S. Bach / A. Schönberg\*

- Fugue G minor
- Prelude and Fugue E-flat Major

#### **Knut Nystedt**

- Immortal Bach

#### Soloists:

VIOLINE Hans-Joachim Bungartz

(Diploma Mathematics 1988, Diploma Informatics 1989,

Doctorate 1992)

ORGAN Wolfgang A. Herrmann

(Diploma Chemistry 1971)

CONDUCTOR Felix Mayer

\*Arrangements for full-sized orchestra





Acclaimed soloist at the Advent Concerts 2018: Sylvia Dankesreiter

"THE VIVAT TUM ADVENT CONCERTS ARE GLORIOUS. THE FESTIVE SETTING CREATES A WONDERFUL ATMOSPHERE."

# Sylvia Dankesreiter (Diploma Electrical and Computer Engineering 2002)

was born in Munich, studied Electrical and Computer Engineering at TUM and at the same time piano at the University of Music and Performing Arts Munich. Since then she has worked not only as an engineer but also as a concert pianist. In her alumni story, she tells us how she combines both passions:

www.150.alumni.tum.de/en/ sylvia-dankesreiter-en/



# **Dies academicus**

Every year in December TUM invites its alumni, students and employees to the 'Dies academicus'. It is the highest of the academic annual celebrations, which brings together the entire university family, as well as their friends and sponsors. The regular teaching activities at the university will be suspended for one day. Outstanding achievements of individual members of the TUM Family will be honoured and the past year will be reviewed.



VIVAT TUM CONCERT

# **Experiencing Music Together**

The Advent concerts of TUM have become a tradition: since 2008 the university annually invites its freshmen and their parents, as well as all alumni, sponsors and friends of TUM to the Vivat TUM concert in the Philharmonic Hall at Gasteig on the first Sunday in Advent. The Munich Symphonic Ensemble will perform together with the TUMChoir under the direction of Professor Felix Mayer.

#### DATE

Sun. 01.12.2019 2.30 pm – 5 pm

#### PLACE

Philharmonic Hall at Gasteig Rosenheimer Str. 5, Munich

#### REGISTRATION

The concert is already sold out. Remaining tickets will be available at the box office.

25<sup>™</sup> ANNIVERSARY

### **Silver TUM Jubilee**

Those who completed their diploma or doctorate in 1994 will be celebrating their Silver Jubilee at TUM this year. On the first weekend in Advent TUM is inviting all silver jubilarians to celebrate their anniversary together. TUM President Thomas F. Hofmann is personally welcoming the jubilarians and will honour them with the Silver Diploma or Doctorate Certificate. Together with your former fellow students you can look back on the past 25 years, get to know other TUM Alumni and easily expand your network at the subsequent President's Dinner.

#### DATE

Sat. 30.11.2019 5 pm – 10 pm

#### PLACE

Munich

#### INFORMATION

Event for invited guest

50TH ANNIVERSARY

### **Golden TUM Jubilee**

Since 2009, TUM has been celebrating the 50th anniversary of its graduates on the first weekend of Advent. At the so-called Golden Jubilee, the university honours all those who graduated from TUM – diploma or doctorate – 50 years ago, i.e. in 1969. Following the Advent concert, TUM is hosting a festive President's Dinner. Here, TUM President Thomas F. Hofmann will present all those celebrating their anniversaries with their Golden Diploma or Doctorate Certificate. The golden jubilarians will be introduced in person: reunions, new acquaintances and memories of one's own time at TUM characterise this event taking place in the midst of the TUM Family.

#### DATE

Sun. 01.12.2019 5 pm – 10 pm

#### PLACE

Munich

#### INFORMATION

Event for invited guest



#### DATE

Thur. 05.12.2019 10 am – 1 pm

#### PLACE

TUM Campus Munich Audimax, Arcisstraße 21, Munich

#### REGISTRATION / INFO

Open event without registration www.tum.de/en/university-life/ events/dies-academicus

# CREATING / FITT IIIVG PLACES

NEW CENTRE AT THE RESEARCH CAMPUS GARCHING



The two TUM Alumni and professors Christine Nickl-Weller and Hans Nickl are internationally renowned specialists for so-called Healing Architecture. Their design, sustainable for people and the environment alike, succeeded in the architectural competition for the multifunctional hybrid building Galileo on the Research Campus Garching, which opened in September 2019. The approximately 200-meter-long, threeunit building extends in a north-south direction parallel to the underground station. A special centrepiece of the building is the main auditorium, which

> is now TUM's largest lecture hall with up to 1,340 seats.

Find out more at www.150.alumni.tum.de/ nickl-weller-en



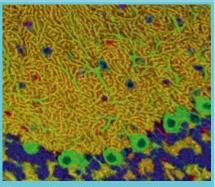
A GLOBAL CENTRE OF EXCHANGE: THAT IS WHAT TUM STRIVES TO BE FOR PEOPLE FROM THE SCIENCES, BUSINESS, POLITICS AND SOCIETY. HERE, STUDENTS AND ALUMNI CAN BE INSPIRED AND KEEP LEARNING TRANSCENDING THE BOUNDARIES OF THEIR OWN INTELLECTUAL WORLD. SHARE AND PASS ON THEIR EXPERIENCE – ON A LIFELONG BASIS.

Making science and research public and comprehensible is one of the guiding principles of TUM. Lecture series, the science matinee or further education courses such as 'prevenTUM' offer you the opportunity to learn about current research results. Get to know prominent figures from the sciences, business and politics at events such as the 'Career Paths' of Hochschule für Politik or the 'TUM Speaker Series' and enter into dialogue with them. You are cordially invited.



TUM Alumni Prof. Christine Nickl-Weller (Diploma Architecture 1975) and Prof. Hans Nickl (Diploma Architecture 1969)





Professor Misgeld's lecture deals with mitochondria in the human nervous system.

SCIENCE MATINEE IN GERMAN

# What Are Our Neighbours, The Researchers, Actually up to in Garching?

Since 2013 the Science Matinees have been taking place on Sunday mornings in Garching. Researchers report on their projects and present to you and anyone interested what they are doing on campus every day. Well-known scientists such as Prof. Dr. Kai-Uwe Bletzinger and TUM Alumni Prof. Dr. Thomas Misgeld (Doctorate Medicine 1999) will present their work in an exciting and accessible way to a diverse, non-scientific audience.

LECTURE SERIES TUM@FREISING IN GERMAN

# **Science Explained For All**

Is wood sustainable as a resource, and what can it be used for? What do the colours of fatty tissue say about our health? And which genes can be found in plants? These questions are answered by researchers from the Science Centre Weihenstephan, who, in the framework of the 'TUM@Freising Science Explained For All' lecture series, make science understandable for everyone. A subsequent discussion after each lecture is explicitly wanted, because science thrives on the exchange of opinions. Not only for Freisingers or the alumni of the Science Centre Weihenstephan, but for everyone!

#### DATE

Thur. 07.11.2019, Tue. 10.12.19, Tue. 21.01.20 7 pm – 9 pm

#### PLACE

Lindenkeller, Veitsmüllerweg 2, Freising

#### REGISTRATION / INFO

Open event without registration go.tum.de/708016

AWARD CEREMONY

## IdeAward 2019

Come and join us at this year's TUM IdeAward and experience TUM's start-up spirit first hand! The ten best teams from the competition of ideas 'IdeAward' will pitch their proposals in the Audimax foyer, battling over the first three places and a total prize money of 37,500 euros. The prize awards outstanding scientific start-up ideas with cutting-edge technology and great market potential. This year, the award ceremony will once again be accompanied by an exciting programme: next to the stage event with keynote speakers, pitches and the award ceremony, an idea fair with networking opportunities and a buffet is waiting for you!

#### DATE

Thur. 21.11.2019 6 pm – 8 pm

#### PLACE

TUM Campus Munich Foyer Audimax, Arcisstraße 21

#### REGISTRATION / INFO

www.tum.de/en/innovation/ entrepreneurship/ideaward

PRESENTATION IN GERMAN

### **Career Paths in Politics**

In its lecture series 'Career Paths', the Hochschule für Politik München regularly presents personalities from politics who talk about their lives and political careers. For the 28th of November 2019, Katharina Schulze, member of the State Parliament and leader of BÜNDNIS 90/GRÜNE in the Bavarian State Parliament, has been invited. Get to know the politician up close and discuss with her!

Information at www.hfp.tum.de/veranstaltungen/karrierewege

#### ATE

Thur. 28.11.2019 2 pm – 4 pm

#### PLACE

Hochschule für Politik München Room H.001, Richard-Wagner-Str. 1

#### REGISTRATION

go.tum.de/184150



The Interaction of Engineering Design



The Brain, a Supercomputer on Energy Saving Mode? The Role of Mitochondria in the Nervous System

PLACE

REGISTRATION Open event without registration

TUM SPEAKERS SERIES IN GERMAN

# **Decision Makers and Creators**

Bill Gates has already been to TUM, so has Tony Blair. Every semester the TUM Speakers Series invites leading personalities from the sciences, business and politics to speak at the TUM Audimax. They will talk about a relevant topic and fill the main auditorium at Campus Munich. So far Amazon Deutschland CEO Ralf Kleber (6th of November 2019) and Ambassador Dr. Christoph Heusgen (3<sup>rd</sup> of December 2019) have been announced for the winter term. Keeping an eye on the website and registering quickly is recommended.

Wed. 06.11.2019, Tue. 03.12.2019 6.15 pm – 8 pm

#### PLACE

TUM Campus Munich Audimax, Arcisstraße 21

#### REGISTRATION

Open event without registration speakersseries.de

PREVENTUM FURTHER EDUCATION COURSE IN GERMAN

# Sarcopenia

Sport knows no age. Especially for older people exercise and regular training are the best medicine to maintain their quality of life - Prof. Dr. Martin Halle is sure of that. He is a pioneer of 'Sports as Medication' and uses physical training to treat ailments in a targeted manner and like medication. Therefore the further training courses prevenTUM are not only addressed to physicians, but also to the general public. In March, the focus is on Sarcopenia, i.e. the age-related reduction of muscle mass and muscle strength and the associated limitations in old age.

#### DATE

Wed. 18.03.2020 6.15 pm – 8 pm

#### PLACE

Universitätsklinikum rechts der Isar der TUM, Ismaninger Straße 22

#### ANMELDUNG / INFO

go.tum.de/777071

LECTURE CONFERENCE IN GERMAN

# **Geotechnics Day 2020**

In 2020, TUM's Chair of Soil Mechanics and Foundation Engineering, Rock Mechanics and Tunneling is organising its 19th Geotechnics Day, again with the motto 'Geotechnics - Interaction of Research and Practical Application'. Students and Alumni of TUM are cordially invited; further information will soon be available on the chair's website.

#### DATE

Fri. 27.03.2020 08.30 am - 6 pm

#### PLACE

TUM Campus Munich Audimax, Arcisstraße 21

#### REGISTRATION / INFO

go.tum.de/621544





EXECUTIVE EDUCATION CENTER

# **Thinking ahead**

Fancy a certified further education course in 'Leadership & Strategy' or 'Demand & Supply Management' or would you prefer an Executive MBA? The Executive Education Centre of TUM's School of Management offers executives a wide range of further education opportunities – and TUM Alumni not only receive preferential treatment, but also discounts.

NEWSLETTER eecnewsletter@wi.tum.de
REGISTRATION / INFO www.eec.wi.tum.de

LECTURE SERIES IN GERMAN

# **Energy of The Future**

Every year, the Chair of Energy Systems organises a lecture series on topics from the extended field of Power Plant Technology. This semester the chair once again cooperates with the VDI Arbeitskreis Energietechnik and hosts lectures under the headline 'Sustainable Power and Heat Supply From Stored Energy'.

\*\*www.es.mw.tum.de/aktuelles/events\*\*

#### DATES

Mon. 11.11.2019, Mon. 02.12.2019, Mon. 13.01.2020, Mon. 10.02.2020,

Mon. 09.03.2020 5 pm – 7 pm

#### PLACE

TUM Campus Garching, TUM-IAS, Lichtenbergstraße 2a

#### REGISTRATION

Open event without registration

LECTURE SERIES IN GERMAN

# Interdisciplinary Lecture Series 'Environment'

The lecture series 'Environment', organised by the Environmental Department of the Student Representation of TUM has been introduced in 1985. It is organised by volunteering students. Relating to a main subject, every semester speakers from research, associations, official authorities and companies talk about technical environmental protection, health or climate protection. Meanwhile, the lecture series has become part of TUM's repertoire – around 500 lectures have been held so far. Take the opportunity to get information on the latest environmental topics. asta-umweltreferat.fs.tum.de

#### ATES

TUM Campus Munich
Every Wednesday during the semester
7.30 pm – 9 pm

TUM Campus Garching Every Tuesday during the semester 6 pm – 7.30 pm

#### REGISTRATION

Open event without registration

TUM ALSO SEES ITSELF AS A COMPANION FOR ITS WORKING ALUMNI'S, MANAGERS' AND BUSINESS EXPERTS' LIVES AND CAREERS. THIS IDEA IS IMPLEMENTED BY THE EXECUTIVE EDUCATION CENTRE OF THE TUM SCHOOL OF MANAGEMENT, WHICH OFFERS CERTIFIED FURTHER EDUCATION COURSES AND THE EXECUTIVE MBA.

As a TUM Alumni you furthermore have the opportunity to take part in a wide range of seminars and lecture series, to go on an educational trip or to attend further education courses at TUM. Stay in touch with your alma mater and continue your development in the same place you have already received an excellent education before.

LECTURE SERIES IN GERMAN

# **Mobility And The Digital Transformation**

Munich is growing, and so is traffic. People's mobility behaviour is changing, and then there is also digital transformation. Understanding this change, but also helping to shape it – that is one of the challenges urban development is facing in the upcoming years. The lecture series, organised by TUM's Chair of Urban Development, takes a look at the conditions and consequences of digital transformation for urban mobility. Return to TUM and join the discussion!

#### DATES

Tue. 12.11.2019, Tue. 10.12.2019, Tue. 14.01.2020

6.30 pm – 8 pm

#### PLACE

TUM Campus München, Vorhoelzer Forum, Arcisstraße 21

#### REGISTRATION / INFO

Open event without registration www.re.ar.tum.de/vortragsreihe¬verkehr

LECTURE SERIES UP-TO-DATE ON TRAFFIC IN GERMAN

# **New Forms of Mobility**

For some years now, the Chair of Traffic Engineering and Control and the Verkehrszentrum of Deutsches Museum have been organising the lecture series 'Verkehr aktuell'. Each semester, experts give lectures on a specific issue. In the current winter semester, the lectures are held on the general topic 'Air Taxis And Other Ideas to Solve Traffic Problems'. Alumni of TUM are cordially invited to find out more about the mobility of the future. www.bgu.tum.de/vt/veranstaltungen/verkehr-aktuell/

#### DATES

Thur. 21.11.2019, Thur. 05.12.2019, Thur. 09.01.2020, Thur. 23.01.2020, Thur. 06.02.2020 6.30 pm – 8 pm

#### LACE

Verkehrszentrum des Deutschen Museums, Am Bavariapark 5, München

#### REGISTRATION

Open event without registration

MONTAGSREIHE IN GERMAN

# **Architecture Today**

MONTAGSREIHE is a lecture series at TUM's Department of Architecture. The series aims at making a valuable contribution to the Munich architectural discourse between architects, students and those interested in Architecture. The lectures take place every Monday at 7 p.m. in the Theodor-Fischer lecture hall of TUM, which is located on the ground floor of the main building on the corner between Luisenstrasse and Gabelsbergerstrasse. www.ar.tum.de/aktuell/montagsreihe

#### DATES

Various Mondays during the semester 7 pm – 9 pm

#### PLACE

TUM Campus München, Theodor-Fischer-Hörsaal, Arcisstraße 21

#### REGISTRATION

Open event without registration

# HANDUS HANDUS ALUMNI



Thomas Mann in Munich. A Difficult Journey Into The Modern Age

BOOK PUBLICATION IN GERMAN

Edited by Peter J. Brenner

Thomas Mann has spent half his life in Munich. After moving from Lübeck in 1894, he was initially enrolled at the Technical College for two semesters. This was the reason for a symposium in 2013 at the Carl von Linde-Academie of TUM on Thomas Mann's difficult journey into 'the modern age'.

www.archiv.tum.de/forschung-und-publikationen

#### **RAFFLE**

We raffle three copies to those TUM Alumni, who tell us their most beautiful TUM Story – via email to alumniundcareer@tum.de. The closing date for entries is 31st of December 2019.

THOMAS MANN ALSO ATTENDED TUM. SINCE HE ATTENDED LECTURES FOR TWO SEMESTERS AS A STUDENT AT THE GENERAL DEPARTMENT OF THE THEN TECHNICAL COLLEGE (TH) IN MUNICH THE NOBEL LAUREATE IN LITERATURE IS AN ALUMNI. TOO.

During the upcoming winter semester, the Carl von Linde-Academie will dedicate several events to the famous TUM Alumni. As part of a seminar by Professor Felix Mayer, Dr. Dirk Heißerer holds a presentation on Thomas Mann in Munich, to which the Alumni of TUM are cordially invited, as well. In addition, the renowned Thomas Mann researcher Prof. Dr. Hans Rudolf Vaget will come to TUM.



In the winter semester 1894/95 and in the summer semester of 1895, Thomas Mann enrolled at the TH Munich. During the lectures on Aesthetics, Art and Literary History, as well as on Economics, the writer took notes in a 'Collegheft', which has survived over time and was published in 2001. Here you can find out which marks his university attendance has left on his literary work and why he ended his studies after two semesters <a href="http://www.150.alumni.tum.de/en/biografie/thomas-mann-en/">http://www.150.alumni.tum.de/en/biografie/thomas-mann-en/</a>.

PRESENTATION IN GERMAN

# Thomas Mann in 1919: An Author Reinvents Himself

In November 2019 the renowned literary scholar Prof. Dr. Hans Rudolf Vaget will come to TUM to provide insights into his research on Thomas Mann. Prof. Hans Vaget is Professor of German Studies and Comparative Literature at Smith College in North Hampton, Massachusetts. He has published numerous articles on Thomas Mann and was awarded the Thomas Mann Medal in 1994.

#### DATE

Fri. 08.11.2019 7 pm – 9 pm

#### PLACE

TUM Campus München, Vorhoelzer Forum, Arcisstraße 21

#### INFORMATION

go.tum.de/719889

PRESENTATION IN GERMAN

# Thomas Mann's Unmasking of National Socialism

Dr. Dirk Heißerer is famous for his literary guided tours, not just in Munich, but especially here, where he introduces his audience to Munich at the time of Thomas Mann or shows them the settings of his novel *Death in Venice*. His guest lecture at TUM is open to TUM Alumni, as well.

#### DATE

Sat. 11.01.2020 09.30 am - 12.30 am

#### PLACE

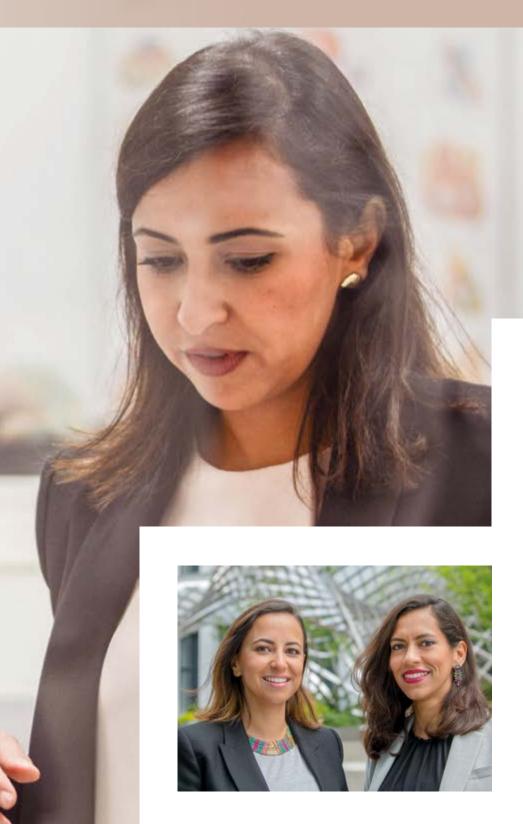
TUM Campus Munich

#### INFORMATION



ITS PRESENCE ON THE INTERNATIONAL STAGE IS ONE OF TUM'S PARTICULAR STRENGTHS. WITH A TOTAL OF SIX INTERNATIONAL LOCATIONS, IT HAS THE STRONGEST APPEAL AMONG GERMAN UNIVERSITIES FOR STUDENTS AND SCIENTISTS FROM ABROAD.

TUM is supporting and encouraging international students to enter the German labour market. In addition, a wide range of foreign language courses and degree programmes in English prepare domestic students for an international career right from the start. As a TUM Alumni, you can also establish international ties. Either at the locations at home in Bavaria or at the various branches around the world: go for walks with visiting scientists from all over the world, take a course to prepare yourself for an international assignment or get to know other TUM Alumni at an alumni meeting in Cairo or Shanghai.



Yasmine Aguib (right) in conversation with Mona Allouba, a doctoral student from her research group at the Heart Clinic in Aswan, Egypt.

### INTERCULTURAL AMBASSADORS

Dr. Yasmine Aguib (I., Bachelor Molecular Biotechnology 2004, Master 2006, Doctorate 2012) and Dr. Heba Aguib (r., Diploma Mechanical Engineering 2007, Doctorate 2011) grew up in Cairo and studied and received their doctorates at TUM. Even today, the two sisters move back and forth between the countries and are committed to building bridges between the cultures currently to the establishment of a research centre at the Heart Clinic in Southern Egypt. They are convinced that the time they spent at TUM is helping them because they learnt a lot there, not just content, but also working methods, interdisciplinary thinking and the understanding that other cultures can be fundamentally different.

Keep reading at www.150.alumni.tum.de/ yasmine-heba-aguib-en PRESENTATION WITH PERSONAL ACCOUNT IN GERMAN

# Global Minds – Applying And Working Abroad

Would you like to go abroad (again): as part of your studies or with work? There are always opportunities to work abroad short or long¬term. In cooperation with the TUM Language Centre the event series 'Global Minds' will discuss important things to pay attention to and questions that might come up. Each meeting will present a specific country – this winter term it will be the USA/UK, France and Spain – with its specific framework, the corresponding application process and intercultural challenges.



WINTER HIKE

# **On Tour With Our Visitors**

Especially in winter the snow-capped mountains and the deep blue of Lake Schliersee form a magical backdrop – perfect for an excursion to 'get out of Munich'. In cooperation with the TUM Welcome Center, we would like to invite all guest scientists, (exchange) students and alumni to take a 2-hour walk around Lake Schliersee and then continue our networking at a warm and cozy restaurant. Families are very welcome!

#### DATE

Sun. 26.01.2020 09.30 am

#### PLACE

Schliersee

#### REGISTRATION

www.together.tum.de/en/events

EUROTECH HIGHLEVEL EVENT

# **Engineering (for) Europe's Future**

With its political leadership and policy priorities under review, Europe is at a crossroads in 2019. Pushing the frontiers of scientific knowledge and navigating technological progress is crucial in finding sustainable solutions to the major challenges which society is facing today. This year's High Level Event of the EuroTech Universities Alliance, of which TUM is a member, will stimulate a timely debate on the potential of future engineering science and education – and the implications for European policies and programmes. One of the speakers is the new TUM president Thomas F. Hofmann. For more Information visit www.eurotech-universities.eu



#### DATE

Thur. 12.12.2019 5.30 pm – 9 pm

#### Place

Brussels, Townhall Europe

#### REGISTRATION / INFO

Via email to TUM Brussels Liaison Officer Valerie Schegk: schegk@zv.tum.de Participation is free of charge

#### **France**

Tue. 03.12.2019 5 pm – 7 pm

PLACE

**TUM Campus Munich** 

REGISTRATION

www.together.tum.de/en/events

# **USA/UK**

Fri. 13.12.2019 11.30 am- 1 pn

PLACE

**TUM Campus Munich** 

REGISTRATION

www.together.tum.de/en/events

### Mexico

Mon. 13.01.2020 6.30 pm-8 pm

PLACE

**TUM Campus Munich** 

REGISTRATION

www.together.tum.de/en/events

WEBINAR

# From TUM Asia to Germany

After finishing her bachelor's degree in Physics in India, Gunjot Kaur enrolled in the master's degree Integrated Circuit Design at TUM Asia in Singapore, the Asian dependence of TUM. Upon graduating, she worked in Great Britain for three years as an applications engineer and eventually moved to Munich where she is currently employed at a well-known company as a semiconductor expert. In this webinar Gunjot Kaur will share her experience of moving abroad, working in an international environment and adjusting to the German style of life and work.

#### DATE

Wed. 13.11.201 6 pm – 7 pm

PLACE

Online

REGISTRATION

www.together.tum.de/en/events

ALUMNI-EVENT

### **Health Tech**

The alumni event, hosted by the TUM dependance in Cairo, deals with Health Technology. Invited speakers are Dr. Yasmine and Dr. Heba Aguib, sisters and both TUM Alumnae. After their studies at TUM – Molecular Biotechnology and Mechanical Engineering respectively – and diverse jobs, they are now building a research unit at the Aswan Heart Centre in their home country while also leading research groups there and conducting research at Imperial College in London at the same time (read more about the two inspiring TUM Alumnae on page 48/49).

#### DATE

November 2019

#### PLACE

TUM Cairo

#### REGISTRATION / INFO

Via email to TUM Cairo
Liaison Officer Heba A: cairo@tum.de
www.community.tum.de/en/groups/
alumni-reisen/



# Alumni Trip 2020

If you are interested, you can find information in the TUM Community Group: www.community.tum.de/ gruppen/alumni-reisen

The tour programme will be published in January. You can find more information in the TUM Community group 'Alumni Trips'.

#WOMENOFTUM

and stayup to date.

# NETWORKING WONEN





# **A Passionate Environmentalist**

Even as a child, Dr. María José Barragán Paladines knew that she wanted to become a scientist. Today she is the Scientific Director of the Charles Darwin Foundation for the Galapagos Islands. At TUM she studied Sustainable Resource Management (Master 2008) and was amazed by the learning environment "in which cultures, languages and interests came together and were shared". Now she shares her own knowledge and experience with the next generation of scientists – most recently at the Women of TUM Afterwork event at Campus Munich. Read more at www.150.alumni.tum.de/paladines-en



14,570 FEMALE STUDENTS, 110 FEMALE PROFESSORS AND MORE FEMALE ALUMNI WITH EVERY YEAR: THE WOMEN OF TUM ARE A VIBRANT NETWORK WHICH IS GROWING RAPIDLY AND CONNECTS WOMEN ACROSS CONTINENTS, GENERATIONS, HIERARCHIES AND FACULTIES.

Women from research and industry meet for lectures, afterwork events or in the TUM Community, where they support and inspire each other. The Women of TUM Network puts the Women of TUM into the public eye and makes them visible online with the hashtag #womenofTUM. As important role models, the Women of TUM strengthen women in the present and the future.

www.150.alumni.tum.de/en/women-en/

WOMEN OF TUM AFTERWORK EVENT

# **Automation and Digitalization**

This afterwork's host is TUM alumna Christina Strobel (Master TUM-BWL 2015), who is currently completing her PhD in the field of artificial intelligence at the International Max Planck Research School – Uncertainity. She will kickstart the evening with an impulse talk on automation and digitalization and explain how computers and other machines are reshaping all aspects of the economy as well as our daily lives. Afterwards she will host an open discussion of the long-term impacts of automation and digitalization on our behavior.

#### DATE

Wed. 13.11.2019 7 pm – 10 pm

#### PLACE

Munich

Food and drinks have to be covered by the attendee herself.

#### REGISTRATION

www.together.tum.de/en/events

WOMEN OF TUM AFTERWORK EVENT

# **Preventing Breast Cancer**

Afterwork host Jacqueline Lammert is currently completing her PhD in Medicine at TUM Graduate School, focusing on breast cancer and its causes. She will kickstart the evening with an impulse talk, providing insights into her research focus: Around 1/3 of all breast cancer cases, she says, can be ascribed to variable lifestyle factors, and with certain mutations, some women are at a 70 percent risk of getting breast cancer at some point in their lives. She teaches us how to influence this risk with our lifestyle. Afterwards, there will be time to discuss and to network with the other Women of TUM.

#### DATE

Thur. 05.12.2019 7 pm – 10 pm

#### PLACE

Munich

Food and drinks have to be covered by the attendee herself.

#### REGISTRATION

www.together.tum.de/en/events

GUIDED TOUR & WORKSHOP (FOR GIRLS) IN GERMAN

# **Women Meet Girls of TUM**

A lot of girls do like STEM subjects and are good at them at school. Nevertheless, they are often discouraged from choosing a scientific or technical degree programme. As part of this event, TUM Alumna Daniela Macari (Master Mechanical Engineering 2018) will guide girls (age 12 – 16) interested in STEM through the MakerSpace high-tech workshop and invite them to join her for exciting experiments and discussions. She will show how fascinating science and technology can be and which career opportunities they offer to women in particular.

#### DATES

November/December 2019

#### PLACE

**TUM Campus Garching** 

#### REGISTRATION





LEARNING AND GROWING TOGETHER: IN LINE WITH THIS MOTTO, THE MUTUAL EXCHANGE OF GENERATIONS ON THE TOPIC OF LIFE AND CAREER PLANNING TAKES CENTRE STAGE AT TUM.

This takes place, for example, at the regular Career Lounges: these are exclusive panel discussions with top-class guests. Here you can meet interesting alumni from the various industries. At the TUM Career Events and Webinars – some of them exclusively for TUM Alumni – as well as at TUM Mentoring for Students by Alumni, you can share your own experience or benefit from the experiences of others. No matter in which phase of your life you are, you are cordially invited.



#### MUTUAL BENEFIT

Dr. Dominik von Au (Diploma TUM-BWL 2006) is a TUM Alumni and mentor. In that role, he not only passes on a great deal of professional and life experience, but also benefits from the encounters with his mentee – currently Moritz Kagerer (Bachelor Mechanical Engineering 2017, Bachelor TUM-BWL 2019) – himself. The two have been meeting regularly for a year, whether in the premises of TUM or in a café in Munich. If there is a need to speak at short notice, they talk on the phone. "Moritz Kagerer is an extraordinarily committed young man, reflective, ambitious and inquisitive," Dominik von Au describes his young mentee. "I appreciate our conversations and am pleased that he is very open, looking for advice and questions previous patterns for success." Here the TUM Mentoring Tandem explains how good intergenerational exchange works

www.150.alumni.tum.de/au-kagerer-en

CAREER LOUNGES AS PART OF THE CAREER DAYS

# **Getting to Know Career Paths**

Insider's knowledge is always worth its weight in gold. This is what the TUM Network thrives on. At the so-called Career Lounges during the TUM Career Days experienced TUM Alumni share their knowledge and insights. They open the panel on a certain topic, talk about their profes-sional and personal life and invite you to exchange experiences. Why not take the opportunity to get to know different career paths and make interesting contacts.

INFORMATION www.together.tum.de/en/career/career-days



ADVICE FROM COLLEAGUES

# **Adventure: Starting a Career**

The first 100 days on a new job, the challenges of everyday work, thinking about plans for your future career – starting out in professional life, a lot is new and unfamiliar. We would like to invite young alumni in their first professional year to come and talk to other young professionals. Join us! The group provides a safe space to exchange experiences with like-minded people, address problems and to develop possible solutions. You can learn from the experiences of other young alumni from different subject areas and companies.

#### DATES

Wed. 06.11.2019, Wed. 18.12.2019, Wed. 05.02.2020 6.15 pm – 8 pm

#### PLACE

**TUM Campus Munich** 

#### REGISTRATION

www.together.tum.de/en/events

ADVICE FROM COLLEAGUES

# **Adventure: Management**

People in leadership positions have a lot of questions, too! A group of managers has formed amongst the TUM Alumni, which meets up regularly to exchange ideas and information. Whether you want to talk about managing staff or new challenges you are facing at your everyday work life: the members share their issues with each other and benefit from talking to like-minded people, their experience and ideas. Inexperienced people who have only recently taken on a management position are welcome to join, as well. Why not come along!

#### DATES

Thur. 14.11.2019, Thur. 12.12.2019 Thur. 16.01.2020, Thur. 12.03.2020 6.15 pm – 8 pm

#### PLACE

TUM Campus Munich

#### REGISTRATION

www.together.tum.de/en/events

WEBINAR IN GERMAN

# **Leadership Skills**

In order to successfully carry out your first management tasks, you have a variety of methods to apply and use at your disposal. This webinar will provide you with insights into the best practices to realistically reflect on your leadership potential and further develop it in a targeted manner.

#### ATE

Tue. 04.02.2020 5 pm – 6 pm

#### PLACE

Online

#### REGISTRATION

# Candidate Experience From an HR Perspective

Thur. 21.11.2019 6 pm – 7.30 pm TUM Campus Garching

REGISTRATION

www.together.tum.de/en/events

# Meet Young Professional in Life Sciences

Wed. 11.12.2019 6 pm – 7.30 pm

REGISTRATION

www.together.tum.de/en/events

# Opportunities in The Patent System

Thur. 23.01.2020 6 pm – 7.30 pm TUM Campus Munich

REGISTRATION

www.together.tum.de/en/events

CAREER WORKSHOP IN GERMAN

# **Design your Career – Customised Career Planning**

Originally Design Thinking was developed at Stanford as a method to develop innovative products and services. In this workshop you will get to know the Design Thinking process and its application on your individual career planning. Using innovative and creative methods, you will explore your skills and values and design and test options for your own career.

#### DATE

Thur. 30.01.2020 10 am – 5 pm

#### PLACE

**TUM Campus Munich** 

#### REGISTRATION

www.together.tum.de/en/events

TUM MENTORING IS OPENING DOORS IN GERMAN

### Visit to the BR

Exclusively for TUM Mentoring Ulli Wenger (Diploma Agricultural Sciences 1985), long-time mentor and radio presenter also known as Mister One-Hit-Wonder, is opening the doors of Bavarian Broadcasting (BR). A unique opportunity to take a look behind the scenes and visit the music and radio play studios. Ulli Wenger will be at your side during the tour of the Funkhaus and will explain the editorial and technical procedures to you. Experience how modern radio is produced and expand your network at TUM!

#### DATE

Wed. 04.12.2019 6 pm – 9 pm

#### PLACE

TUM Campus Munich

#### REGISTRATION

www.together.tum.de/en/events

TUM MENTORING NETWORK MEETING IN GERMAN

# **Resilience for Managers**

Constant changes are a part of a manager's everyday life. The goal is to master stressful situations and at the same time to pay attention to oneself and one's own, as well as the employees' energy. That is why the presentation by mentor Wolfgang Parnitzke also shows what managers can do for their employees to maintain or increase their resilience. Target group are high-level personnel who would like to receive ideas for their own efficiency and health and those of their co-workers. Afterwards there is time for discussion and exchange within the TUM Mentoring Network.

#### DATE

Wed. 11.12.2019 7 pm – 9 pm

#### PLACE

TUM Campus Munich

#### REGISTRATION

# A SUCESSFUL DOCTORATE



On Wednesday, the 29th of January, TUM Alumni Dr. Elmar Mair will present his career and give tips for anyone who wants to start a career abroad after graduating (see webinar below).

THE ALLURE OF SILICON VALLEY

# **Successful Doctorate Abroad**

In 2012, Elmar Mair completed his doctorate in Informatics at TUM. Soon afterwards he felt the urge to work on a real robotic product. He moved from his position at the German Aerospace Center to the Robert Bosch Research and Technology Center in Palo Alto, where he conducted research on autonomous driving. Once in Silicon Valley, he could not resist its allure and tried his luck with a start-up. Three years ago, Elmar Mair started at X, formerly known as Google X. Ever since, he is managing a team there which works on the perception and navigation of a not yet public robotics project.

go.tum.de/811478



WEBINAR

# **Job Perspectives Abroad**

Transitioning into an industry career after years at university is no simple feat. And doing it in a foreign country is even more of an adventure. In this webinar, TUM Alumnus Dr. Elmar Mair will talk about how he successfully finished his PhD in Informatics and accepted a position in the field of autonomous driving at Bosch Research and Technology Center in Palo Alto, San Francisco. He will share helpful tips and resources and provide insights into his current job for a start-up in Silicon Valley.

#### DATE

Wed. 29.01.2020 6 pm – 7 pm

#### PLACE

Online

#### REGISTRATION

A DOCTORATE FROM TUM IS A BRAND LABEL. ACCORDING TO A STUDY BY THE EUROPEAN SCIENCE FOUNDATION, TUM IS TRAINING CONSIDERABLY MORE HIGHLY-QUALIFIED SPECIALISTS FOR THE RESEARCHING INDUSTRY THAN OTHER UNIVERSITIES.

Half of the doctorate students at TUM work in the industry, a good third at universities and other research institutions. The respondents see their doctoral thesis at TUM as an important building block for their career. Three quarters of all TUM Alumni feel well or very well prepared for their first job.

WEBINAR

# **Convincing CVs**

Rarely do the career paths of doctorate students and postdocs fit into standard CV templates. Dissertation, research projects, publications and much more need to be included on a few pages in a concise manner. In this webinar you will learn different ways to present your additional skills and experiences in a convincing way. The webinar is available in German and English.

#### ATE

Mon. 04.11.2019 (English), Wed. 18.12.2019 (German), Fri. 24.02.2020 (English)

10 am – 11 am

#### PLACE

Online

#### REGISTRATION

www.together.tum.de/en/events

WEBINAR

# **The Industry-based Doctorate**

Juggling both a dissertation and a corporate job is a challenge. Those completing a PhD whilst working in the industry and those who work in an industry project at university often have to work extra shifts and endure their colleagues skepticism. But there are advantages too. In this interactive webinar a TUM Alumni speaks about own experiences and responds to your questions.

#### DATE

Tue. 17.12.2019 5 pm – 6 pm

#### PLACE

Online

#### REGISTRATION

www.together.tum.de/en/events

ADVICE AND SUPPORT FOR YOUNG SCIENTISTS

# **Mentoring for Scientists**

Mentoring for Scientists connects research alumni and guest scientists with young doctoral students and postdocs of TUM. The focus here is on the transfer of experience and the personal exchange between researchers from different career levels.

#### DATES

Application is possible at any point in time.

#### REGISTRATION / INFO

www.together.tum.de/en/commitment/knowledge/mentoring-for-scientists/



#### Ausstellungen im Wintersemester 2019/2020

bis Di. 31.12.2019 ganztägig INSIDE\OUT Forschungspavillon

TUM Campus München, Innenhof, Arcisstraße 21 Lehrstuhl für Tragwerksplanung, TUM www.lt.ar.tum.de/forschungspavillon

bis Sa. 19.01.2020 ganztägig BALKRISHNA DOSHI -

Architektur für den Menschen

Ausstellung

Architekturmuseum der TUM in der Pinakothek der Moderne, Barer Str. 40, München www.architekturmuseum.de/ausstellungen/ balkrishna-doshi/

#### November 2019

Mo. 04.11.2019 10.00 – 11.00 Uhr

Convincing CVs for PhD Students & Postdocs Webinar auf Englisch, Online Alumni & Career, TUM www.together.tum.de/events

Di. 05.11.2019 (jeden ersten Dienstag

im Monat) 19.00 – 20.30 Uhr Hast du Töne? Offenes Singen im Universitätsklinikum rechts der Isar

Universitätsklinikum rechts der Isar an der TUM, Katholische Klinikkirche Ismaninger Str. 22, München rechts der Isar der TUM www.mri.tum.de/veranstaltungen/offenes-singen-23

#### Mi. 06.11.2019

TUM Speakers Series: Ralf Kleber Vortrag

TUM Campus München TUM Business Club e.V. speakersseries.de

Mi. 06.11.2019 18.15 – 20.00 Uhr Abenteuer Berufseinstieg

Kollegiale Beratung TUM Campus München Alumni & Career, TUM www.together.tum.de/events

**Do. 07.11.2019** 19.00 – 21.00 Uhr Auf dem Holzweg: neue Qualitäten und Potenziale eines traditionellen Roh- und Werkstoffs

Vortragsreihe TUM@Freising Lindenkeller, Veitsmüllerweg 2, Freising Stadt Freising und TUM www.freising.wzw.tum.de

**Do. 07.11.2019** 17.30 – 19.00 Uhr Gestalte die Umwelt aktiv mit! Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und Ingenieurfakultät Bau Geo Umwelt, TUM www.schueler.tum.de/ran

Fr. 08.11.2019 ab 13.00 Uhr Absolventenfeier der Fakultät für Physik

Absolventenfeier TUM Campus Garching, Rudolf-Mößbauer-Hörsaal, Jamse-Franck-Str. 1 Fakultät für Physik, TUM www.ph.tum.de/latest/events/absolventenfeier/ Fr. 08.11.2019 19.00 - 21.00 Uhr

Thomas Mann im Jahre 1919: Ein Autor erfindet sich neu

Vortrag

TUM Campus München, Vorhoelzer Forum, Arcisstraße 21, TUM www.together.tum.de/events

Mo. 11.11.2019 17.00 – 18.00 Uhr Der "ideale" Job – Kriterien für Berufswahl und Karriereweg Webinar, Online Alumni & Career, TUM www.together.tum.de/events

Mo. 11.11.2019 17.00 – 19.00 Uhr

Thermische Energiespeicher für die Sektorenkopplung Strom/Wärme – Forschung, Entwicklung und Systemintegration anhand ausgewählter Beispiele

Vortragsreihe Energieversorgung TUM Campus Garching, TUM-IAS, Lichtenbergstraße 2a VDI Arbeitskreis Energietechnik und Lehrstuhl für Energiesysteme, TUM www.es.mw.tum.de/aktuelles/events/

**Di. 12.11.2019** 18.30 – 20.00 Uhr Der öffentliche Verkehr in der digitalen Stadt Vortragsreihe Verkehr TUM Campus München, Vorhoelzer Forum, Arcisstraße 21 Lehrstuhl für Raumentwicklung, TUM

www.re.ar.tum.de/vortragsreihe-verkehr/

Mi. 13.11.2019

Absolventenfeier der Fakultät für Informatik Absolventenfeier **TUM Campus Garching** Faktultät für Informatik, TUM ao.tum.de/127664

Mi. 13.11.2019 18.00 – 19.00 Uhr From TUM Asia to Germany Webinar auf Englisch, Online Alumni & Career, TUM www.together.tum.de/events

Mi. 13.11.2019 19.00 - 22.00 Uhr Automation and Digitalization Women of TUM Afterwork auf Englisch München Alumni & Career, TUM www.together.tum.de/events

**Do. 14.11.2019** 18.15 – 20.00 Uhr Abenteuer Führung Kollegiale Beratung TUM Campus München Alumni & Career, TUM www.together.tum.de/events

**Do. 14.11.2019** 17.30 – 19.00 Uhr Was haben Internet, Roboter und Solaranlagen gemeinsam?

Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und Fakultät für Elektrotechnik und Informationstechnik, TUM www.schueler.tum.de/ran

On the next three pages we feature our event calender in German language only. Please visit www.together.tum.de/ events and portal.mytum.de/Kalender to be informed about current events in English language.

Mo. 18.11.2019 16.00 - 18.00 Uhr Kolloquium anlässlich des 100. Todestages von Adolf Hurwitz

(Kolloguium)

TUM Campus Garching, HS 3 FMI, Boltzmannstr. 3 Hurwitz-Gesellschaft zur Förderung der Mathematik, TUM

www.ma.tum.de/de/fakultaet/hurwitzgesellschaft/veranstaltungen.html

Mi. 20.11.2019 09.00 - 13.00 Uhr Workshop zur Studienorientierung (Workshop) TUM Campus München

ExploreTUM, TUM

www.schueler.tum.de/workshop

Do. 21.11.2019 18.00 - 20.00 Uhr Preisverleihung IdeAward 2019 Preisverleihung und Messe TUM Campus München, Foyer Audimax

Arcisstraße 21 Anmeldung online TUM ForTe www.tum.de/ideaward

Do. 21.11.2019 17.30 - 19.00 Uhr **Bringing Politics & Technology Together** Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und TUM School of Governance www.schueler.tum.de/ran

Do. 21.11.2019 18.30 - 20.00 Uhr Neue Mobilitätsformen

Vortragsreihe "Verkehr Aktuell" Deutsches Museum Verkehrszentrum Am Bavariapark 5, München Deutsches Museum Verkehrszentrum und Lehrstuhl für Verkehrstechnik, TUM www.bgu.tum.de/vt/veranstaltungen/ verkehr-aktuell/

Do. 21.11.2019 18.00 - 19.30 Uhr Candidate Experience aus Personalersicht Career Lounge TUM Campus Garching Alumni & Career, TUM www.together.tum.de/events

Sa. 23.11.2019 09.00 - 16.00 Uhr D-A-CH-Symposium Sportkardiologie 2019 Symposium

Universitätsklinikum rechts der Isar der TUM, Hörsaal A, Ismaninger Straße 22, München 40 Euro vor dem 01.11.2019, danach 60 Euro, kostenfrei für Studierende und Mitarbeitende; Anmeldung: go.tum.de/870920 Zentrum für Prävention und Sportmedizin, Universitätsklinikum rechts der Isar der TUM www.sport.mri.tum.de/kongresse

So. 24.11.2019 11.00 - 12.30 Uhr Uhr Was machen eigentlich unsere Nachbarn, die Forscher, in Garching?

Wissenschaftsmatinee

TUM Campus Garching, TUM-IAS, Lichtenbergstraße 2a Institute for Advanced Study (TUM-IAS), TUM www.ias.tum.de/events/nachbarn/

Di. 26.11.2019 19.00 Uhr CDTM Inspire & Dine Speaker Series Vortrag

CDTM, Raum 605, Marsstr. 20-22, München Kostenfrei

Center for Digital Technology and Management www.cdtm.de/event/inspiredine-26-11-19/

Do. 28.11.2019 14.00 - 16.00 Uhr Karrierewege in der Bayerischen Politik: Katharina Schulze MdL

Vortrag

Hochschule für Politik München, Raum H.001, Richard-Wagner-Str. 1, München Anmeldung: wiki.tum.de/display/hfp/ Karrierewege+mit+Katharina+Schulze TUM School of Governance, TUM www.hfp.tum.de/veranstaltungen/karrierewege/

Do. 28.11.2019 17.30 - 19.00 Uhr

Fakultät für Architektur Denken in mehreren Ebenen

Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und Fakultät für Architektur, TUM www.schueler.tum.de/ran

Fr. 29.11.2019 - Sa. 30.11.2019

Fr. 12.30 - 18.00 Uhr, Sa. 09.00 - 18.00 Uhr Neue Technologien und die Krankenversorgung von morgen

Seminar/Workshop Klinik und Poliklinik für Dermatologie und Allergologie am Biederstein, TUM Biedersteiner Str. 29, München Anmeldung per E-Mail an

Maximilian.Schielein@tum.de oder MediTUM www.derma-allergie.med.tum.de/fortbildung-und-lehre/biedersteiner-symposiumveranstaltungen.html

Sa. 30.11.2019 17.00 - 22.00 Uhr Silbernes Jubiläum der TUM Jubiläumsfeier 25 Jahre

München Veranstaltung für geladene Gäste Alumni & Career, TUM www.together.tum.de/jubilaeum

#### Dezember 2019

So. 01.12.2019 14.30 - 17.00 Uhr Gemeinsam Musik erleben

Vivat TUM Konzert

Philharmonie im Gasteig Rosenheimer Straße 5, München Alumni & Career, TUM www.together.tum.de/events

So. 01.12.2019 17.00 - 22.00 Uhr

Goldenes Jubiläum der TUM Jubiläumsfeier 50 Jahre München Veranstaltung für geladene Gäste

Alumni & Career, TUM www.together.tum.de/jubilaeum

Mo. 02.12.2019 17.00 - 19.00 Uhr Hochtemperatur-Wärmepumpen zur Dekarbonisierung industrieller Prozesswärme und als wesentliches Bindeglied in der Sektorkopplung

Vortragsreihe Energieversorgung TUM Campus Garching, TUM-IAS, Lichtenbergstraße 2a VDI Arbeitskreis Energietechnik und Lehrstuhl für Energiesysteme, TUM www.es.mw.tum.de/aktuelles/events/

Di. 03.12.2019

TUM Speakers Series: Dr. Christoph Heusgen Vortrag

TUM Campus München TUM Business Club e.V. speakersseries.de

Di. 03.12.2019 17.00 - 19.00 Uhr Bewerben und Arbeiten in Frankreich

Global Minds TUM Campus München Sprachenzentrum und Alumni & Career, TUM www.together.tum.de/events

Di. 03.12.2019 19.00 - 20.30 Uhr Hast du Töne? Offenes Singen im Universitätsklinikum rechts der Isar der TUM

Universitätsklinikum rechts der Isar an der TUM, Katholische Klinikkirche Ismaninger Str. 22, München rechts der Isar der TUM www.mri.tum.de/veranstaltungen/offenes-singen-23

18.00 - 21.00 Uhr Mi. 04.12.2019 Besuch beim BR

TUM Mentoring öffnet Türen Bayerischer Rundfunk, Arnulfstraße 42/44, München

Alumni & Career, TUM www.together.tum.de/events

Mi. 04.12.2019 17.00 - 18.00 Uhr New Manager Master Class Webinar auf Englisch, Online

Alumni & Career, TUM www.together.tum.de/events

Do. 05.12.2019 18.30 - 20.00 Uhr

Neue Mobilitätsformen

Vortragsreihe "Verkehr Aktuell" Deutsches Museum Verkehrszentrum Am Bavariapark 5, München Deutsches Museum Verkehrszentrum, und Lehrstuhl für Verkehrstechnik, TUM www.bgu.tum.de/vt/veranstaltungen/ verkehr-aktuell/

Do. 05.12.2019 10.00 - 13.00 Uhr

Dies academicus

Akademische Jahrfeier

TUM Campus München, Audimax, Arcisstraße 21 Öffentliche Veranstaltung ohne Anmeldung

www.tum.de/unileben/veranstaltungen/ diesacademicus/

Do. 05.12.2019 19.00 - 22.00 Uhr **Preventing Breast Cancer** 

Women of TUM Afterwork München Alumni & Career, TUM

www.together.tum.de/events

Fr. 06.12.2019 ab 16.00 Uhr Absolventenfeier der Fakultät für Mathematik Absolventenfeier TUM Campus Garching,

Friedrich L. Bauer-Hörsaal, Boltzmannstr. 3 Faktultät für Mathematik, TUM www.ma.tum.de/de/fakultaet/news-events/ absolventenfeier.html

Di. 10.12.2019 19.00 - 21.00 Uhr Weiß, Beige oder Braun: Was die Farbenlehre des Fettgewebes mit unserer Gesundheit und Ernährung zu tun hat

Vortragsreihe TUM@Freising Lindenkeller, Veitsmüllerweg 2, Freising Stadt Freising und TUM www.freising.wzw.tum.de

Di. 10.12.2019 18.30 - 20.00 Uhr Der öffentliche Verkehr in der digitalen Stadt Vortragsreihe Verkehr

TUM Campus München Vorhoelzer Forum, Arcisstraße 21 Lehrstuhl für Raumentwicklung, TUM www.re.ar.tum.de/vortragsreihe-verkehr/

Mi. 11.12.2019 18.00 - 19.30 Uhr Meet Young Professional in Life Sciences Career Lounge TUM Campus Weihenstephan Alumni & Career, TUM www.together.tum.de/events

Mi. 11.12.2019 19.00 - 21.00 Uhr Resilienz für Führungskräfte

TUM Mentoring Netzwerktreffen TUM Campus München, Vorhoelzer Forum Arcisstraße 21 Alumni & Career, TUM www.together.tum.de/events

Do. 12.12.2019 17.30 - 21.00 Uhr Engineering (for) Europe's Future

EuroTech Highlevel Event

TownHall Europe, Square de Meeûs 5, Brüssel TUM Brüssel

www.eurotech-universities.eu

Do. 12.12.2019 18.15 - 20.00 Uhr Abenteuer Führung

Kollegiale Beratung TUM Campus München Alumni & Career, TUM www.together.tum.de/events

Do. 12.12.2019 17.30 - 19.00 Uhr Informatik verwandelt die Welt - Gestalten Sie mit!

Ran an die TUM: Perspektive Studium TUM Campus München

ExploreTUM und Fakultät für Informatik, TUM www.schueler.tum.de/ran

Fr. 13.12.2019 11.30 - 13.00 Uhr Bewerben und Arbeiten in USA/UK

Global Minds

TUM Campus München Sprachenzentrum und Alumni & Career, TUM www.together.tum.de/events

Mi. 18.12.2019 18.15 - 20.00 Uhr

Abenteuer Berufseinstieg Kollegiale Beratung TUM Campus München Alumni & Career, TUM www.together.tum.de/events

Mi. 18.12.2019 10.00 - 11.00 Uhr Überzeugende Lebensläufe für Promovierende und Postdocs

Webinar, Online Alumni & Career, TUM www.together.tum.de/events

#### Januar 2020

Do. 09.01.2020 18.30 - 20.00 Uhr Neue Mobilitätsformen

Vortragsreihe "Verkehr Aktuell" Deutsches Museum Verkehrszentrum, Am Bavariapark 5, München Deutsches Museum Verkehrszentrum und Lehrstuhl für Verkehrstechnik, TUM www.bgu.tum.de/vt/veranstaltungen/ verkehr-aktuell/

Sa. 11.01.2020 09.30 - 12.00 Uhr

Thomas Manns Entlarvung des Nationalsozialismus

Vortrag

TUM Campus München Anmeldung an PD Dr. Jörg Wernecke per E-Mail: wernecke@tum.de WGT@MCTS und Alumni & Career, TUM go.tum.de/099395

Mo. 13.01.2020 18.30 - 20.00 Uhr Bewerben und Arbeiten in Mexiko

Global Minds

TUM Campus München

Sprachenzentrum und Alumni & Career, TUM www.together.tum.de/events

#### Immer aktuell informiert

Manche Veranstaltungen und Termine erreichen uns nur kurzfristig. Wenn Sie stets aktuell informiert bleiben wollen, melden Sie sich zum Newsletter "Die TUM informiert" an:

www.community.tum.de > Mein Profil > Abos

Sie brauchen dazu Ihre TUM-Kennung. Sie wissen nicht mehr, wie diese lautet? Kein Problem! Schreiben Sie einfach eine E-Mail an: alumniundcareer@tum.de

**Mo. 13.01.2020** 17.00 – 19.00 Uhr Power-to-Gas: Betriebserfahrungen einer e-gas-Anlage

Vortragsreihe Energieversorgung TUM Campus Garching, TUM-IAS, Lichtenbergstraße 2a VDI Arbeitskreis Energietechnik und Lehrstuhl für Energiesysteme, TUM www.es.mw.tum.de/aktuelles/events/

**Di. 14.01.2020** 19.00 Uhr CDTM Inspire & Dine Speaker Series

Vortrag

CDTM, Raum 605, Marsstr. 20–22, München Center for Digital Technology and Management www.cdtm.de/event/inspiredine-14-01-20/

Di. 14.01.2020 18.30 – 20.00 Uhr Der öffentliche Verkehr in der digitalen Stadt Vortragsreihe Verkehr TUM Campus München Vorhoelzer Forum, Arcisstraße 21 Lehrstuhl für Raumentwicklung, TUM

**Do. 16.01.2020** 18.15 – 20.00 Uhr Abenteuer Führung

www.re.ar.tum.de/vortragsreihe-verkehr/

Kollegiale Beratung TUM Campus München Alumni & Career, TUM www.together.tum.de/events

**Do. 16.01.2020** 17.30 – 19.00 Uhr

Nachwachsende Rohstoffe – von der Pflanze zur Nutzung

Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und TUM Campus Straubing für Biotechnologie und Nachhaltigkeit www.schueler.tum.de/ran

Fr. 17.01.2020 09.00 – 16.30 Uhr Fortbildungsreihe für Betreuungslehrkräfte – Basismodul 1: Betreuung von Studierenden Fortbildung

TUM School of Education, Marsstraße 20 – 22, München

Anmeldung für Lehrkräfte über FIBS
TUM School of Education,
EuLe – Evidenzbasierte universitäre
Lehrkräftefortbildung, TUM
www.edu.tum.de/eule/programm/
fortbildungsreihe-fuer-betreuungslehrkraefte/

Mo. 20.01.2020 - Di. 21.01.2020

9.30 – 16.00 Uhr

IKOM Bau

Karriereforum TUM Campus München IKOM

www.ikom.tum.de

**Di. 21.01.2020** 19.00 – 21.00 Uhr Die Gene in unseren Pflanzen

Vortragsreihe TUM@Freising Lindenkeller, Veitsmüllerweg 2, Freising Stadt Freising und TUM www.freising.wzw.tum.de

**Do. 23.01.2020** 18.30 – 20.00 Uhr Neue Mobilitätsformen

Vortragsreihe "Verkehr Aktuell" Deutsches Museum Verkehrszentrum, Am Bavariapark 5, München Deutsches Museum Verkehrszentrum und Lehrstuhl für Verkehrstechnik, TUM www.bgu.tum.de/vt/veranstaltungen/ verkehr-aktuell/

**Do. 23.01.2020** 18.00 – 19.30 Uhr Chancen im Patentwesen Career Lounge TUM Campus München

Alumni & Career, TUM www.together.tum.de/events

**Do. 23.01.2020** 17.30 – 19.00 Uhr Logik, Analyse und die Gesetze der Natur

Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und Fakultäten für Mathematik und Physik, TUM www.schueler.tum.de/ran

Fr. 24.01.2020 10.00 – 11.00 Uhr Convincing CVs for PhD Students & Postdocs Webinar auf Englisch, Online Alumni & Career, TUM www.together.tum.de/events

**Fr. 24.01.2020** 13.00 – 18.30 Uhr Atmungs- und Leistungsphysiologische Arbeitstagung

TUM Campus C (O2-Tower), Hörsaal M001, Georg-Brauchle-Ring 58, München Anmeldung: go.tum.de/097976 Zentrum für Prävention und Sportmedizin, Universitätsklinikum rechts der Isar der TUM www.sport.mri.tum.de/kongresse

So. 26.01.2020 09.30 Uhr Unterwegs mit Gästen Winterwanderung Schliersee TUM Graduate School und Alumni & Career, TUM www.together.tum.de/events

So. 26.01.2020 11.00 – 12.30 Uhr Unsere Nachbarn in Garching:
Prof. Dr. Thomas Misgeld
Wissenschaftsmatinee
TUM Campus Garching, TUM-IAS,
Lichtenbergstraße 2a
Institute for Advanced Study (TUM-IAS), TUM
www.ias.tum.de/events/nachbarn/

Do. 30.01.2020 10.00 – 17.00 Uhr Design your Career – Berufswege individuell gestalten Workshop TUM Campus München Alumni & Career, TUM www.together.tum.de/events

Do. 30.01.2020 17.30 – 19.00 Uhr Landschaft nachhaltig nutzen und gestalten Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und und Studienfakultäten Agrar-/ Gartenbauwissenschaften, Forstwissenschaft und Landschaftsarchitektur, TUM www.schueler.tum.de/ran

#### Februar 2020

www.mri.tum.de

Sa. 01.02.2020 09.00 Uhr
31. Seminar Neurologie für die Praxis
Universitätsklinikum rechts der Isar der TUM,
Hörsaal A, Eingang Einsteinstraße, München
Neurologische Klinik, Universitätsklinikum rechts
der Isar der TUM
Brigitte Süß-Sollweck, Tel.Nr. 089 41404601

**Di. 04.02.2020** 17.00 – 18.00 Uhr Leadership Skills

Webinar auf Englisch, Online Alumni & Career, TUM www.together.tum.de/events

Mi. 05.02.2020 18.15 – 20.00 Uhr Abenteuer Berufseinstieg Kollegiale Beratung TUM Campus München Alumni & Career, TUM www.together.tum.de/events

**Do.06.02.2020** 18.30 – 20.00 Uhr Neue Mobilitätsformen

Vortragsreihe "Verkehr Aktuell" Deutsches Museum Verkehrszentrum, Am Bavariapark 5, München Deutsches Museum Verkehrszentrum und Lehrstuhl für Verkehrstechnik, TUM www.bgu.tum.de/vt/veranstaltungen/ verkehr-aktuell/ **Do.06.02.2020** 17.30 – 19.00 Uhr Vom Biomolekül über das Lebensmittel zum Verbraucher

Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und Studienfakultäten Biowissenschaften, Ernährungswissenschaft und Brauund Lebensmitteltechnologie, TUM www.schueler.tum.de/ran

**Mo. 10.02.2020** 17.00 – 19.00 Uhr Power-to-Gas: Biologische Methanisierung als zukunftsträchtiger Energiespeicher

Vortragsreihe Energieversorgung TUM Campus Garching, TUM-IAS, Lichtenbergstraße 2a VDI Arbeitskreis Energietechnik und Lehrstuhl für Energiesysteme, TUM www.es.mw.tum.de/aktuelles/events/

**Di. 18.02.2020** 09.00 – 16.30 Uhr Fortbildungsreihe für Betreuungslehrkräfte – Aufbaumodul 1: Unterricht beobachten und reflektieren

Fortbildung

TUM School of Education, Marsstraße 20 – 22, München

Anmeldung für Lehrkräfte über FIBS
TUM School of Education, EuLe – Evidenzbasierte
universitäre Lehrkräftefortbildung, TUM
www.edu.tum.de/eule/programm/
fortbildungsreihe-fuer-betreuungslehrkraefte/



Di. 18.02.2020 17.00 – 18.30 Uhr Vermögen richtig vererben Vortrag TUM Campus München www.together.tum.de/events

Do. 20.02.2020 17.30 – 19.00 Uhr Ingenieurwissenschaften – Ein Studium, alle Möglichkeiten Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und Munich School of Engineering, TUM www.schueler.tum.de/ran

#### März 2020

**Sa. 07.03.2020** 08.45 – 13.30 Uhr 25. Biedersteiner Symposium

Symposium

Universitätsklinikum rechts der Isar der TUM, Klinik und Poliklinik für Dermatologie und Allergologie, Ismaninger Str. 22, München Klinik und Poliklinik für Dermatologie und Allergologie, Universitätsklinikum rechts der Isar der TUM Kontakt: Julia Schlederer 089 41403205, julia.schlederer@mri.tum.de go.tum.de/078059

Mo. 09.03.2020 17.00 – 19.00 Uhr Die Rolle der Solide Oxide Fuel Cell in einer sich verändernden Energielandschaft Vortragsreihe Energieversorgung TUM Campus Garching, TUM-IAS, Lichtenbergstraße 2a VDI Arbeitskreis Energietechnik und Lehrstuhl für Energiesysteme, TUM www.es.mw.tum.de/aktuelles/events/

Do. 12.03.2020 18.15 – 20.00 Uhr Abenteuer Führung Kollegiale Beratung TUM Campus München

Alumni & Career, TUM www.together.tum.de/events

**Do. 12.03.2020** ganztägig Studieninfotag – Tag der offenen Tür für Studieninteressierte

Tag der offenen Tür Alle Standorte der TUM Studierenden Service Zentrum, TUM www.schueler.tum.de/studieninfotag

Mi. 18.03.2020 18.

18.15 - 20.00 Uhr

Sarkopenie

prevenTUM Fortbildung Universitätsklinikum rechts der Isar der TUM, Hörsaal A, Ismaninger Straße 22, München mit Anmeldung Zentrum für Prävention und Sportmedizin,

Zentrum für Prävention und Sportmedizin, Universitätsklinikum rechts der Isar der TUM go.tum.de/777071

Do. 26.03.2020 17.30 – 19.00 Uhr Where management meets technology Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und TUM School of Management www.schueler.tum.de/ran

**Fr. 27.03.2020** 08.30 – 18.00 Uhr Geotechnik-Tag 2020

Vortragstagung

TUM Campus München, Audimax, Arcisstraße 21 Kostenfrei für Studierende und MitarbeiterInnen der TUM, regulär etwa 170 Euro; Anmeldung: www.bgu.tum.de/gb/tagungen/aktuelle-tagungen/Zentrum Geotechnik, Lehrstuhl und Prüfamt für Grundbau, Bodenmechanik, Felsmechanik und Tunnelbau, TUM www.bgu.tum.de/gb/tagungen/aktuelle-tagungen/

#### April 2020

#### Mo. 06.04.2020 - Di. 07.04.2020

09.00 - 18.00 Uhr

LMLT International Alumni Seminar – Reflection on the past for future perspectives, voices from around the world

Seminar und Networking-Event
TUM Campus München, Vorhoelzer Forum,
Arcisstraße 21
Anmeldung per E-Mail an
Imlt.bgu@tum.de
Lehrstuhl für Bodenordnung und
Landentwicklung, TUM
Sekretariat 089 289 22534
www.bgu.tum.de/bole/startseite/

**Do. 23.04.2020** 17.30 – 19.00 Uhr Mit dir werden große Ideen greifbar!

Ran an die TUM: Perspektive Studium TUM Campus München ExploreTUM und Fakultät für Maschinenwesen, TUM www.schueler.tum.de/ran

#### Fr. 24.04.2020 - So. 26.04.2020

Fr. 13.00 – 18.45 Uhr, Sa. 09.00 – 18.00 Uhr, So. 09.00 – 13.00 Uhr Archäologie und Kunstgeschichte

Archäologie und Kunstgeschichte mit physikalischen Methoden (Physik in Archäologie und Kunstgeschichte) Lehrerfortbildungsseminar

Gymnasium Zwiesel
Anmeldung per E-Mail an
luescherseminar@gymnasium-zwiesel.de
Gymnasium Zwiesel und Lehrstuhl für
Funktionelle Materialien, TUM
www.groups.ph.tum.de/functmat/
fortbildung-fuer-gymnasiallehrkraefte/



#### **Alumni Associations**

#### Bund der Freunde der TUM

The Association of Friends of TUM is TUM's long standing big circle of friends. www.bund-der-freunde.tum.de

#### **Specialist and Faculty Alumni Groups**

In over 30 alumni associations, alumni stay in touch with employees and students of their field of specialisation, their institute or faculty and take the opportunity to exchange ideas with like-minded people.

www.together.tum.de/alumni/gruppen

#### **TUM Asia Alumni Network**

The foreign branch of TUM in Singapore, the German Institute of Science and Technology – TUM Asia, intensively maintains connections to their alumni.

www.tum-asia.edu.sq

#### Library

#### **TUM's University Library**

Even as an alumni, you are welcome to use the university library. The sub-libraries at the campuses in Munich, Garching, Weihenstephan and Straubing provide you with the most comprehensive service.

#### **Choirs**

#### **Campus Choir Garching**

Rehearsals: Thursdays 6 pm – 7.40 pm TUM Campus Garching, Faculty Building Mathematics/Informatics, Room MI 00.13.009A www.ccg.tum.de

#### **Choir of Weihenstephaner Musikwerkstatt**

Choir of Weihenstephaner Musikwerkstatt Rehearsals. Wednesdays 8.15 pm – 10 pm TUM Campus Weihenstephan, Central Lecture Hall Building, HS 16 www.weihenstephaner-musikwerkstatt.de

#### **TUMChoir**

Eight project rehearsals
TUM Campus Munich and Philharmonic Hall
www.tum.de/unileben/musik-und-kunst/
orchester-choere/tumchor/

#### **University Choir Munich**

Rehearsals: Tuesdays 7 pm LMU Main Building, Small Aula www.unichor.de

#### Cinema

#### The TU Movie

The TU Movie has been founded around 1955 and was then still called TH Movie. Students are still organising the TU Movie and screen over 20 movies each semester. TUM Campus Munich Carl von Linde Lecture Hall, HS 1200 TUM Campus Garching − **NEW!** Department of Mechanical Engineering, MW 1801 Entrance around 7.30 pm Screening starts at 8 pm Tickets: 3 €/Double Feature 5 € Organiser: der tu film e. V.

www.tu-film.de/programm

#### **Orchestra**

#### Bigband der Weihenstephaner Musikwerkstatt

Rehearsals: Thursdays 7.45 pm – 9.45 pm TUM Campus Weihenstephan, Rehearsal Room in the basement of the Central Lecture Hall Building

www.weihenstephaner-musikwerkstatt.de

#### Orchestra of Weihenstephaner Musikwerkstatt

Rehearsals: Wednesdays 6.30 pm – 8 pm TUM Campus Weihenstephan, HS 14 www.weihenstephaner-musikwerkstatt.de

#### Sinfonietta

Rehearsals: Wednesdays (during the semester) 7.30 pm TUM Campus Munich, HS 0120 www.sinfonietta-muenchen.de

#### Symphonic Ensemble Munich

Rehearsals: Thursdays 7.30 pm – 10 pm TUM Campus Munich, HS 0120

#### TUM JazzBand

Rehearsals: Thursdays 6.30 pm – 9 pm Jazzband TUM Campus Munich, HS 2100 www.jazzband.tum.de

#### **Sports**

#### **TUM Runners Group**

Saturdays 11 am Munich

Meeting Point:

Milchhäusl in the English Garden No registration

Contact: carl.ebbinghaus@tum.de www.community.tum.de/gruppen/tum-laufgruppe

#### University Sports Centre Munich (ZHS) Alumni can acquire eligibility to participate

Alumni can acquire eligibility to participate in university sports as members of the Förderverein of ZHS for a fee.

www.zhs-muenchen.de/foerderverein-des-zhs-muenchen

#### Languages

#### **English Stammtisch Garching**

Tuesday 1 pm – 2 pm TUM Campus Garching Campus Cneipe No registration sprachenzentrum@zv.tum.de

#### Language Courses at the Language Centre

If free spots are available, alumni may join courses offered by the TUM Language Centre. Inquiries indicating the language, level, lecturer and time can be sent to:

www.sprachenzentrum.tum.de

# +++ Alumni Ticker +++ Alumni Ticker +++ Alumni Ticker +++

■ Tobias Bäumler (Diploma Civil Engineering 2003) has taken over the management of the Fürth office of the Autobahndirektion Nordbayern. He was previously Head of the Bridge Construction and Maintenance Management Department. ■ Following positions at MAN Truck & Bus and Thyssenkrupp, Prof. Dr. Anna Bernhard (Doctorate Physics 2015) is now Professor of Digital Business and Artificial Intelligence at Technischen Hochschule Ingolstadt. ■ In July 2019, Leopold Böhm (Diploma Architecture 2014) joined WiredScore, a PropTech company in the role of Operations Manager. He previously worked at Drees & Sommer Berlin as a real estate consultant. ■ Since August 2019 Markus Brunnschneider (Bachelor Scientific Principles of Sports 2015) has been Head of Innovation Scouting and Performance at second league soccer team SV Darmstadt 98. His task is to find young talents for the club through innovative approaches, including data-based scouting. ■ For their groundbreaking research on defence reactions in plants that correspond to the human immune system Dr. Corinna Dawid (Doctorate Food Chemistry 2012) and Dr. Youssef Belkhadir have been awarded the Science Award of the City of Freising. It is endowed with 20,000 euros. ■ Since April 2019 the biochemist Prof. Dr. Regina Fluhrer (State Examination Food Chemistry 1999) has held the Chair of Biochemistry and Molecular Biology at the University of Augsburg. She previously taught as an associate professor at the Ludwig Maximilian University in Munich. 

Dr. Pirmin Fontaine (Diploma Mathematics 2012, Doctorate 2016) holds the new junior professorship for Operations Management at the Catholic University of Eichstaett-Ingolstadt. ■ In April 2019, the architect and urban planner Prof. Dr. Andreas Garkisch (Diploma Architecture 1994) took up the deputy professorship for Design and Urban Architecture at the Bauhaus-Universität Weimar. Before his appointment, he held deputy professorships at TU Darmstadt and Leibniz University Hannover. 

Prof. Dr. Markus Gretz (Diploma Construction Chemistry 2006, Doctorate 2010) has accepted the call to Technische Hochschule Rosenheim for a professorship in Building Materials Science as of September 2019. Previously, he worked at Uzin Utz AG in Ulm as Head of Research and Development for Dry Mortar and Technology Management. 

Klaus Hecht (Diploma Geography 1999) has been working as Climate Protection Manager for the Municipality of Scheyern since February 2019. Before that he has worked for several years in Colombia in resource conservation and development aid, as well as for the City of Unterschleißheim as Climate Protection Manager. 

Prof. Dr. Claus-Dieter Heidecke (Medical State Examination 1979, Doctorate 1981) - previously Medical Director of Universitätsmedizin Greifswald - was appointed its new Chairman from April 2019 forward. He is known as the longstanding Director of the Chirurgische Klinik. ■ TUM President Emeritus Prof. Dr. Wolfgang A. Herrmann (Diploma Chemistry 1971), who has handed over his office to his successor Prof. Dr. Thomas F. Hofmann after 24 years, received the Dr. Karl Wamsler Innovation Award of TUM and Clariant. He was honoured for his outstanding achievements both as a scientist and as a pioneer, role model and catalyst in higher education. Dr. Christina Hertel (Bachelor TUM-BWL 2013, Master Sustainable Resource Management 2016, Doctorate Economic Sciences 2018) received the second prize of the Roman Herzog Forschungspreises Soziale Marktwirtschaft, endowed with 15,000 euros, for her dissertation. Her work deals with community-based entrepreneurship. ■ The urban planner and landscape architect Götz Keßler (Diploma Landscape Architecture and Landscape Planning 1996) was appointed the new Managing Director of Stadtbau-GmbH Regensburg. Previously, he worked, among others, for GEWOFAG München and has been the sole Managing Director of Stadtbau Waldkraiburg GmbH since 2017. ■ The Supervisory Board of Koenig & Bauer AG elected Prof. Dr. Raimund Klinkner (Diploma Mechanical Engineering 1991) as its new Chairman. He previously held various positions in production and logistics at Porsche and was responsible for production and logistics at Gildemeister's Executive Board before becoming Chairman of the Executive Board at Knorr-Bremse. 

Jürgen Klöck (Diploma Informatics 1994) has been made Fully Authorised Representative by the Management of the European Bank for Financial Services. He has held various management positions in the company for almost two decades and most recently headed the Information Technology division. 

Prof. Dr. Andreas Knopf (Doctorate Medicine 2009, Habilitation 2013), most recently provisional Medical Director at TUM's University Hospital rechts der Isar, is the new Director of the Department of Otorhinolaryngology - Head and Neck Surgery Freiburg. ■ Change at the helm of the Helmholtz Centre for Environmental Research in Leipzig: Dr. Sabine König (Doctorate Physics 1993) took over the administrative management in March 2019. Most recently, she was Chancellor at the Wilhelm Löhe Hochschule in Fürth. ■ Milan Lisy, Ph.D. (Medical Exchange Programme 2001) has been Chief Physician of the Clinic for Vascular Surgery and Vascular Medicine at Krankenhaus Nordwest in Frankfurt am Main since March 2019. As its Managing Senior Physician, Milan Lisy has been instrumental in shaping the success of the clinic since 2017. ■ Klaus Lother (Diploma Mechanical Engineering 1993) is the new CEO of the designer and manufacturer of custom-made envelopes Permasteelisa. He started his career in the company as an engineer on the drawing board, first switched to bid processing, then to sales and finally to international sales. **Prof. Dr. Bruno Märkl (Doctorate Medicine 2000)** has held the Chair of General and Specialised Pathology at the University of Augsburg since May 2019. He is also the Director of the Institute of Pathology and Molecular Diagnostics at the University Hospital Augsburg. ■ In February 2019, the Board of Trustees of the Doemens Academy elected long-standing member Dr. Rudolf Michel (Diploma Brewing and Beverage Technology 1981, Doctorate 1989) as its new Chairman. Since 2015 he has been responsible for Application Development Beverages & Beer at the technology group Gea in Kitzingen. 
Prof. Dr. Ludwig Narziß (Diploma Brewing and Beverage Technology 1951) receives the Bavarian Order of Merit and the Honorary Doctorate of TUM. As a full professor of today's TUM Chair of Brewing and Beverage Technology and as the Director of today's Research Brewery Weihenstephan, he shaped one of TUM's most longstanding fields of research in the time from 1964 to 1992. Dr. Milan Nedeljkovic (Doctorate Mechanical Engineering 2004) was appointed as a new member of the Board of Management of BMW AG with effect from October 1st. He has been with the BMW Group since 1993 and most recently headed the Corporate Quality Division with a focus on digitisation and data analysis. Previously, he was head of the Munich and Leipzig plants. On the Executive Board he is now responsible for Production. 
The renowned architectural historian Prof. Dr. Winfried Nerdinger

# +++ Alumni Ticker +++ Alumni Ticker +++ Alumni Ticker +++

(Diploma Architecture 1971, Doctorate Art History 1979) has been the new President of Bayerischen Akademie der Schönen Künste since May 2019. The TUM Emeritus of Excellence has played a decisive role in establishing Germany's most important specialised research archive for architecture at TUM, which was later converted into the Architekturmuseum der TUM. ■ Since the summer semester 2019, Prof. Dr. Simon Nestler (Diploma Informatics 2006, Doctorate 2010) has been Professor of Human-Computer Interaction at Technischen Hochschule Ingolstadt. He previously held the professorship for Human-Computer Interaction at the Hamm-Lippstadt University of Applied Sciences. ■ Eva Ortner (Diploma Conservation-Restoration, Art Technology and Conservation Science 2002) has been the new Director of the Doerner Institut of the Bavarian State Painting Collections since August 2019. Previously, she worked there as Head of the Restoration Department and Deputy Director. ■ In September 2019, Prof. Dr. Fabian Prasser (Diploma Informatics 2008, Doctorate 2013) took up the new professorship for Medical Informatics at Charité – Universitätsmedizin Berlin and at the Berlin Institute of Health. Previously, he was technical coordinator of the Consortium 'Data Integration for Future Medicine' in the Medical Informatics Initiative of the Federal Ministry of Education and Research. 

Prof. Dr. Stephan Sauter (Doctorate Electrical and Computer Engineering 1999) has been Professor of Business Administration and Engineering at DHBW Ravensburg's Technikcampus Friedrichshafen since April 2019. Prior to this, Stephan Sauter held various positions at Infineon, worked in Silicon Valley and eventually set himself up as an independent entrepreneur. ■ Prof. Dr. Katharina Scherf (State Examination Food Chemistry 2008, Doctorate 2012) took up her professorship at the Karlsruhe Institute of Technology in August 2019 and now heads the Department of Bioactive and Functional Food Chemistry at the Institute of Applied Bioaciences. Before her appointment, head of the research unit 'Functional Biopolymer Chemistry' at the Leibniz-Institute for Food Systems Biology at TUM. ■ In recognition of his outstanding achievements for collaborative industrial research and the promotion of cooperation between food science and the food industry, Prof. Dr. Peter Schieberle (Doctorate Chemistry 1980, Habilitation 1990) was awarded the Hans-Dieter-Belitz-Medal. Peter Schieberle was appointed Professor of Food Chemistry at TUM in 1995, where he remained until his retirement in 2017. ■ Florian Schleicher (Master Consumer Affairs 2012) has been project manager in the OmniQuest Online Team since April 2019. Prior to this, he gained several years of experience in online market research at respondi, among others. ■ Katharina Schnabl (Bachelor of Nutritional Science 2012, Master of Nutrition and Biomedicine 2015) and Dr. Yongguo Li (Doctorate Biology 2015) from the Chair of Molecular Nutritional Medicine at TUM have been awarded the Max Rubner Award 2019 of the German Nutrition Society. The award, endowed with 5,000 euros, honours outstanding young scientists whose trailblazing work contributes to the prevention and therapy of diet-related diseases. **Prof. Dr. Markus Schwaiger (Doctorate Medicine 1977)**, Medical Director of TUM's University Hospital rechts der Isar, is receiving TUM's Heinz Maier-Leibnitz Medal. His initiative led to the foundation of TranslaTUM, the interdisciplinary centre for translational cancer research. 

Christian Senft (Bachelor Horticultural Science 2006, Master of Horticultural Science 2008) has been head of the insurance department at Gartenbau-Versicherung since March 2019. He has been with the company since 2008 and was most recently responsible for Risk Management and Projects areas. ■ Honorary Senator Dr. Dieter H. Soltmann (Brewing 1968, Doctorate 1970) is receiving an Honorary Doctorate from TUM for his outstanding technical innovations in the field of Brewing and Beverage Technology. From 1976 to 2000 he headed Spaten-Franziskaner-Bräu KGaA. In addition, he has helped shape the development of his alma mater over many years on the University Council and as a member of the Board of Trustees. 

Sebastian Spatz (Bachelor Forest Science and Resource Management 2014, Master 2016) has been Forestry Commissioner at the Miltenberg Forestry Office since March 2019. From 2016 to 2018, he completed his two-year legal clerkship with state examination with stops in Heigenbrücken, Rothenbuch and Lohr. ■ Roland Spiller (Diploma Surveying and Mapping 1990) is the new Head of Unit 'Integrated Rural Development, Land Consolidation' in the Rural Development Department of the Bavarian Ministry of Agriculture. Prior to that, he was in charge of the entire Office for Rural Development in Lower Bavaria. ■ Since May 2019 Prof. Dr. Ulrich Stöckle (State Examination Medicine 1990, Doctorate 1993) has been the new Head and Managing Director of the division 'Trauma and Reconstructive Surgery' at the Center for Musculoskeletal Surgery of the Charité - Universitätsmedizin Berlin. Previously, he was Medical Director of the Berufsgenossenschaftliche Klinik Tübingen and held the Chair of Trauma Surgery at the University of Tübingen. 

Dr. Andreas Weidmann (Doctorate Medicine 2007) is the new Medical Director and Chief Physician of Neurology at the Reha-Klinik Hegau-Jugendwerk. Before moving to Gailingen, he was Chief Physician at the Clinic for Neurology at Schön Klinik in Vogtareuth, Bavaria. Prof. Dr. Dieter Weiss (Doctorate Physics 1987) has been elected Outstanding Referee by the American Physical Society. Since 1995 he has held a chair of Experimental and Applied Physics at Universität Regensburg. ■ Marco Zancolò (Diploma Mechanical Engineering 1993) took over the management of the Franke Coffee Systems Division in the Franke Group in October 2019 and at the same time was appointed to the Executive Committee. He previously worked for Nespresso, where his last position was Regional Managing Director for Europe, the market region with the highest sales. ■ Max Otto Zitzelsberger (Diploma Architecture 2009) has been a junior professor in the Department of Architecture at Technischen Universität Kaiserslautern since the summer semester of 2019. Before that he was Academic Advisor at the TUM Chair of Architectural Design and Construction. ■ After his position as Chief Physician at the interdisciplinary emergency centre of the Rottal-Inn-Kliniken in Eggenfelden, Dr. Oliver Zorn (State Examination Medicine 2001), specialist for Anaesthesia, is the new Chief Physician of the interdisciplinary emergency department at the Klinikum Landshut since March 2019. 

Raphael Zuber (Bachelor Civil Engineering 2012, Master 2014) is Head of the Mining and Tunnelling Department at the Weilheim Building Authority. Since December 2018, he has been Head of the Road Construction Department for the Starnberg district.

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Pursuant to Article 3 (2) of Germany's Basic Law, men and women have equal rights. All persons and descriptions of functions in KontakTUM refer in equal measure to men and women. The use of the masculine form alone in some places only serves the text's readability.

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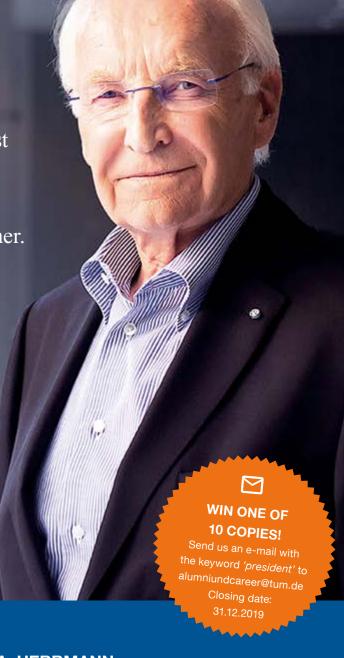
During my time as Prime Minister, I was fortunate to have a strong partner by my side,

# Wolfgang A. Herrmann.

We were close companions for almost 20 years. Together we went through times of crisis, analysis, reform, and <sup>5</sup>nally the success we achieved together.

#### Dr. Dr. h. c. Edmund Stoiber

In the book 'Die Gewohnheiten des Denkens überwinden' the former Prime Minister of the Land of Bavaria, TUM Alumni and Honorary Senator writes about working together with Wolfgang A. Herrmann.





# WOLFGANG A. HERRMANN DIE GEWOHNHEITEN DES DENKENS ÜBERWINDEN Edited by Thomas F. Hofmann

With detailed a curriculum vitae and many impressions from the 24-year-long TUM presidency of Prof. Dr. Wolfgang A. Herrmann. With contributions by, among others, TUM President Thomas F. Hofmann, Dr. Edmund Stoiber and Prof. Dr. Helmut Schwarz, one of the world's leading and award-winning molecular chemists. TUM.University Press 2019.



# TUM's Chain of Office

On the cover of this issue is the golden Chain of Directors, or TUM's Chain of Office. The delicate ornaments of the chain can be seen clearly, as well as Ludwig II's picture on the medal. The inscription reads: LUDWIG II KING OF BAVARIA. It belongs to the official habit of the university president. On official occasions it adorns the office holder's chest. At TUM there are a total of two Chains of Office: the original made of gold and a replica. The latter is used when the vice presidents represent the president at official occasions which happen simultaneously. The next occasion to see the Chain of Office live is on the 1st of December 2019. TUM President Thomas F. Hofmann will wear it when he welcomes the alumni, students and staff at TUM's Advent concerts.