# **Education in Wildau** A University Portrait in Pictures





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## **I**MPRINT

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## **Cover photos**

Left: 1949 – Site of Vocational School of Locomotive and Wagon Construction (today: TGZ Wildau) Right: 2009 – Information, Communication and Media Centre UAS Wildau / Hall 10

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# Preface



Prof. Dr. oec. László Ungvári President Technical University of Applied Sciences Wildau

## **Tradition Meets Future**

It is an old maxim that you will only know where you are going to when you learn where you are coming from. For those who are making their first move into a region yet unfamiliar to them this publication will provide interesting facts and details. But equally those who have been working here for longer – whether students or staff – will be surprised to learn how much is left to discover. One principle applies to all: It is only by appreciating the past that the permanent changes can be revealed that our region has experienced in fast moving times.

The Technical University of Applied Sciences Wildau is committed above all to a bright future. Without the work of past generations our location as we know it would hardly exist today. Chemical industries and locomotive engineering in particular formed Wildau at the end of the 19<sup>th</sup> and in the first half of the 20<sup>th</sup> century. Adjacent to Goerlitz Railway an engine terminal developed that was highly innovative for its time. Its industrial architecture still characterises the appearance of Wildau campus at the present day.

Since the 1950s Heavy Machinery Construction made history. Skilled employees were required, especially engineers. This was the beginning of systematic higher education, first in terms of a vocational school which developed into an Engineering School of Mechanical Engineering (ISW).

The establishment of The Technical University of Applied Sciences Wildau in 1991on the site of ISW, exactly 20 years ago, marks a turning point. The foundations of education and applied research based on principles of high quality, innovation and internationality were laid at this time.

We are also expanding our range of engineering and science courses, which are at the heart of what we do. And for business and the public sector, we also now offer attractive law and management courses. Most importantly, with the changeover to the internationally recognized Bachelor's and Master's degrees, we have strengthened the academic credentials of our institution in recent years. Great efforts in applied research and development, the participation in numerous successful projects, and innovative approaches in knowledge and technology transfer complete the positive image of The Technical University of Applied Sciences Wildau and its nationwide unique position.

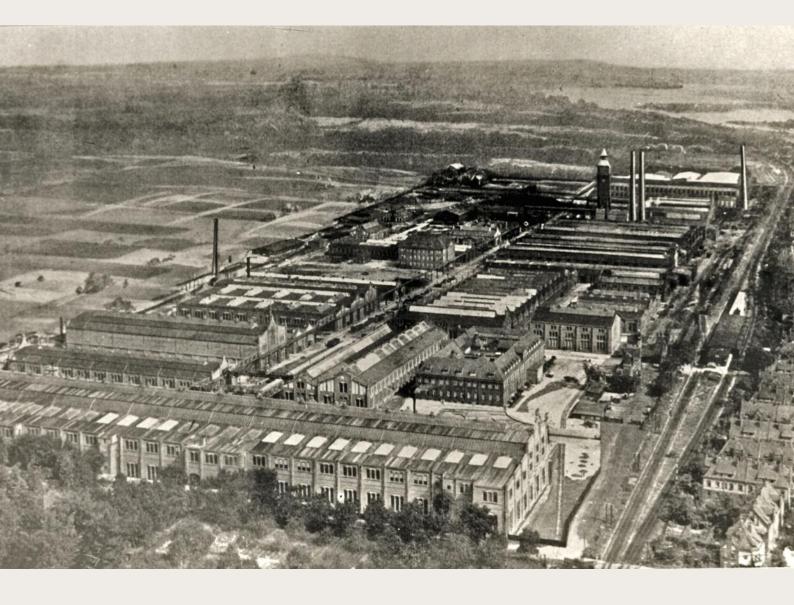
The portrait of a university is never completed. It is an open ended story; but in telling the story, and illuminating the history there is a lot to be discovered. I hope that this publication will contribute by adding pieces to the puzzle and will help to complete the knowledge of our own history.

I wish all readers new valuable insights, inspiration and lasting motivation for studying, working and also for living in this exceptional place which is so ideal for science and business.

Yours sincerely,

László Ungvári

# 1889 - 1933 A New Industrial Region in the Making



## A New Industrial Region in the Making



## 1867

The first locomotive is built in the Berlin Iron Foundry L. Schwartzkopff. In the following years the facilities on Scheringstrasse 13-28 and Chausseestrasse 20 in Berlin become centres of German steam locomotive engineering.

## 1880

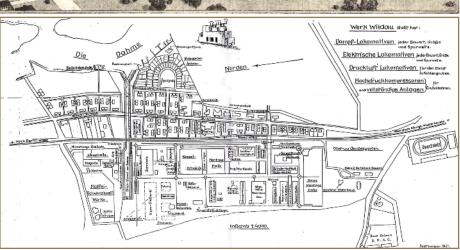
The Iron Foundry L. Schwartzkopff is rebranded as Berlin Machine Building Corporation, formerly L. Schwartzkopff (B.M.A.G.).

## 1889

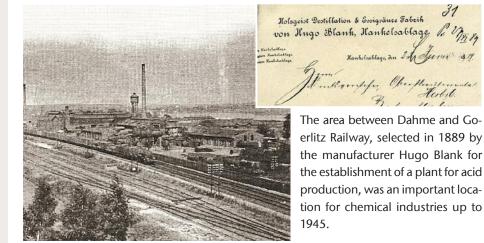
The manufacturer Hugo Blank, a merchant and engineer from Berlin, is granted the concession for the industrial production of various chemical products, such as acetic acid, methanol and acetone. The factory is established on waste land between the Berlin-Goerlitz Railway and the River Dahme, adjacent to the causeway to Berlin at the Northern exit of today's town of Wildau.

## 1891

The Engineering Officer Max von Foerster, who was born in Berlin, establishes a gunpowder and explosives factory. He develops smokeless gunpowder and starts selling it in 1898, to amongst others the Ottoman Army and the Spanish Army. The location of the factory buildings, a hill in Hoherlehme at the border to Zeuthen, later will be called "Powder Hill".

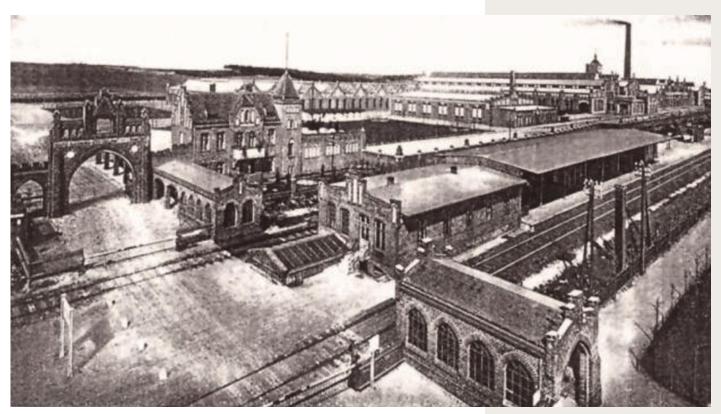


Berlin Machine Building Corporation, formerly L. Schwartzkopff (B.M.A.G.) became one of the leading railway locomotive manufacturers in Germany in the late 19th Century. The plant, located in the city centre of Berlin, soon became insufficient and could not cover the growing demands of railway operators. Therefore, the company was looking for a new plant site with the potential for expansion, in the surroundings of Berlin. Eventually, an area of 600.000 sqm adjacent to Goerlitz Railway, close to the town of Hoherlehme, was chosen.

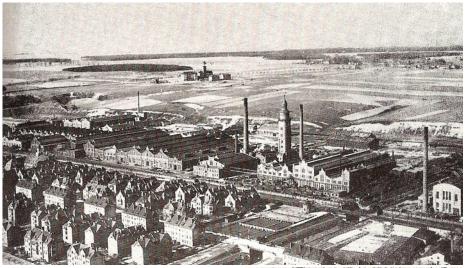


## A New Industrial Region in the Making

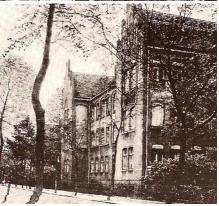
# 1889 - 1933



During the first expansion stage of B.M.A.G., Wildau train station was built and officially opened on May 1<sup>st</sup> 1900.



A spacious housing estate for skilled professionals and executives and their families was established east of the railway line at the same time as the construction of the locomotive plant. A school was part of the estate (today: Ludwig-Witthoeft-Grammar School, picture on the right). These surrounding infrastructures still constitute one of Wildau's core areas today.



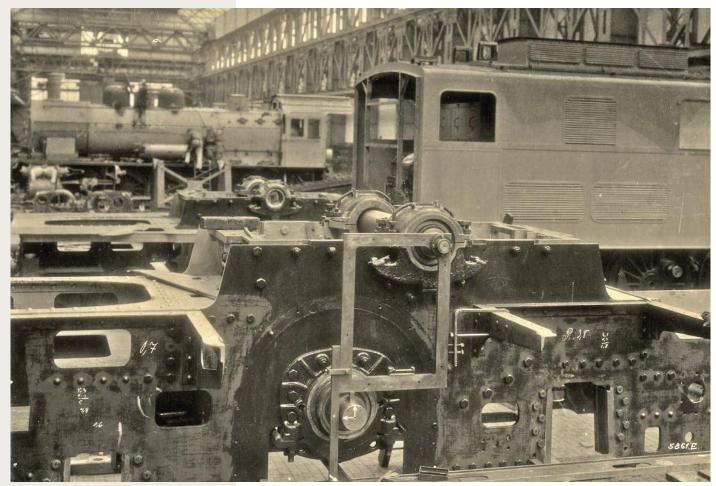
### 1897

Berlin Machine Building Corporation, formerly L. Schwartzkopff (B.M.A.G.) acquires land sold by the municipality of Hoherlehme with an area of 600.000 sqm adjacent to Goerlitz Railway for a new factory complex including a housing estate. Ludwig Witthoeft, at that time governmental master-builder, is commissioned to construct the facilities. He is also responsible for the plant management until 1907. At the same time, a worker's housing estate, very modern by the standards of the time, is set up east of the railway line - today's "Schwartzkopff Estate". In addition to the housing needs of numerous workers', master craftsmen and civil servants', a school, a casino - today's city hall - a sports and festival ground, a boat house and public baths are all established. B.M.A.G. adopts the name of the former Wildau Estate (which was located on the grounds) for the plant grounds and the built-up area. In fact, both the plant and housing estate still belong to the municipality of Hoherlehme. The names "Hoherlehme" and "Wildau" are used synonymously until 1922 when a decision is made to change the name of the entire town to "Wildau".

### May 1st 1900

Wildau train station is put into service. It was constructed by B.M.A.G. and, after the completion of the project, handed over to the municipality of Hoherlehme.

## **1889 - 1933** A New Industrial Region in the Making



September 1st 1900 Start of the first expansion stage of the B.M.A.G. plant.

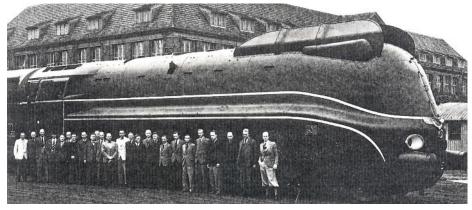
## 1907

B.M.A.G. together with the railway locomotive manufacturer J. A. Maffei, based in Munich, builds a plant north of the branch canal. The entire production of High Speed Rotating Machinery, generators and electrical equipment is relocated to this plant. In that way, the new company Maffei-Schwartzkopff Co. Ltd. emerges which in the following years equips all Schwartzkopff and Maffei E-locomotives with electricity. In the aftermath of the Great Depression the site has to be closed in 1931.

## December 31st 1910

Blank Chemical Plant is sold to Charcoal Industry PLC (HIAG), Constance. From now on the company is called "Chemical Factory Hoherlehme PLC, Work Hoherlehme".

Construction of heavy freight locomotives in the large assembly hangar 15/16 at the southern end of the B.M.A.G. site.

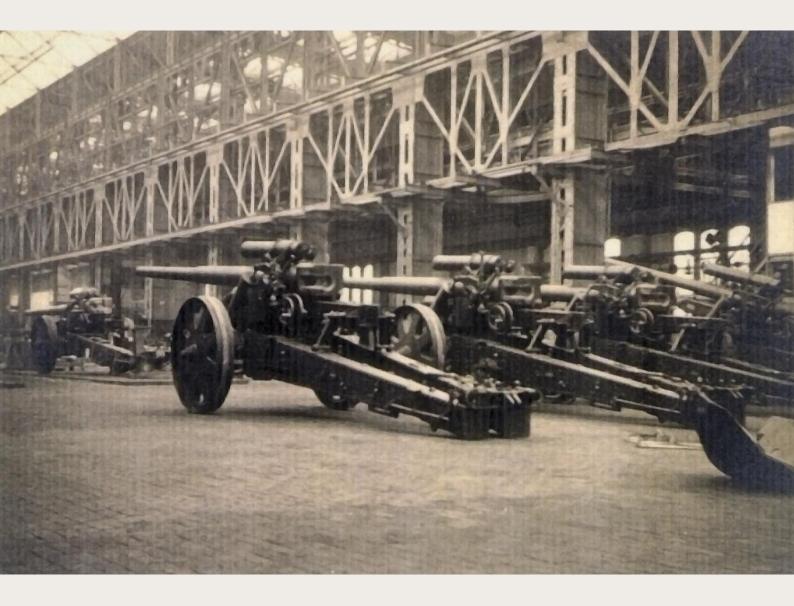


A highlight of steam locomotive construction: The streamlined Express Locomotive 01, operated by coal tar heavy oil, travelled at a speed of up to 150 km/h.



Letter head of Chemical Plant Hoherlehme in 1915.

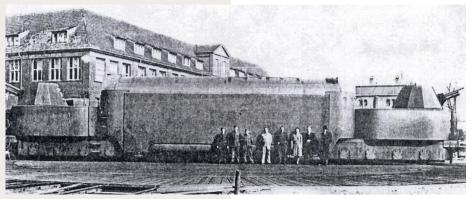
# **1933 - 1945** Wildau during the National Socialist Regime



## Wildau during the National Socialist Regime



The closed Maffei-Schwartzkopff Works were taken over by AEG in 1934. In the course of the National Socialist air armament programme the site was developed into a feeder plant for the aviation industries. Amongst a range of products, fuselages and empennages for Dornier, Heinkel, Junkers and Messerschmitt were produced.



Also part of Wildau's history: In the large locomotive assembly hangar 15/16 of B.M.A.G. the panzer locomotive of the so-called "Fuehrerzug" ("Fuehrer-train") was built.

## 1934

The production of armaments at B.M.A.G. is reinforced. It includes parts for submarines and torpedoes, grenade shells, propeller hubs, cannon tubes, mortars and artillery.

## 1934

AEG takes possession of the former Maffei-Schwartzkopff site and converts it into a feeder plant for aviation industries. The plant commences production in 1936.

## January 1st 1940

Following the fusion of HIAG Wildau and DEGUSSA, the German Gold and Silver Refining Establishment, formerly Roessler HIAG Wildau emerges.



The notorious "Schienenwolf" ("rail wolf") produced in the locomotive plant at Wildau was deployed during the retreat of the German Wehrmacht from the Soviet Union and Italy.

# **1945 - 1949** New Beginning after the Second World War



## New Beginning after the Second World War

April 25<sup>th</sup> 1945 Wildau is occupied by Soviet Army.

## June 1st 1945

B.M.A.G. and AEG are classified as armament industries and entirely dismantled. Removal of all gear and equipment takes until the end of 1946. Production halls are demolished.

## June 17th 1945

On the basis of order No. 124 of the Chief of the Soviet Military Administration in Germany (SMAD) the HIAG plant is seized and subsequently entirely dismantled by 26<sup>th</sup> August 1946.

### January 1949

The Central Administration Board of the Association of State-Owned Enterprises of Locomotive and Railway Carriage Construction (VVB LOWA), founded on July 1st 1948, is locating in Wildau. The administration and construction building, erected by Maffei-Schwartzkopff Co., Ltd. in the early 30s and later used by AEG, remained well preserved and becomes the main location. Wagon construction companies in Goerlitz, Bautzen, Niesky, Gotha, Werdau, Dessau, Halle-Ammendorf, Babelsberg, Berlin-Niederschönhausen and Wildau are part of LOWA.



The Second World War and its consequences: To a large extent the B.M.A.G. buildings were spared from damage during aerial warfare. The Schwartzkopff Estate was hit by bombs several times, as were housing tenements on former Schwartzkopffstrasse 10-11 in 1944.



Wildau chemical plant of DEGUSSA was seized by the Soviet occupying power and later dispossessed.



On June 12<sup>th</sup> 1945 the Soviet Military Administration (SMAD) gave the order to dismantle the B.M.A.G. facilities. Empty construction halls remained – as seen in the picture of Hall 6. The equipment was deployed during the reconstruction of the locomotive factory in Voroshilovgrad (today Luhansk/ Ukraine). In 1947/48 the entire steel structure of the large locomotive assembly hangar was demolished and removed to the Soviet Union as part of reparations payments.

# **1949 - 1955** Engineering Education – A Search for Identity



## **Engineering Education – A Search for Identity**

## Mid-September 1949

The Vocational School of Locomotive and Wagon Construction Wildau is founded. Dipl.-Ing. Karl-Heinz Petzold, the Head of Department of Vocational Education and Training at the Central Administration Board of VVB LOWA, becomes Foundation Representative and first (provisional) Head of the new vocational school. A separate school building is not yet available and lessons are held in a building belonging to LOWA Central Administration Board. Engineering studies start with a group of 5 students. Initially, the prescribed period of study is "not significantly more than two years".

## 1950

By order of SMAD, the planned locomotive plant Wildau is converted into a heavy machinery company – VEB ABUS (equipment for mining and heavy industries). In that way the local experience and specialisation in locomotive and wagon construction has come to an end.

## **Beginning 1950**

The HIAG Entourage House and a large part of the former DEGUSSA Chemical Plant located on Friedrich-Engels-Strasse are assigned to the vocational school for permanent usage.

## Summer 1950

The school gets a separate hostel, a large villa located on Eichstrasse (today Private School Villa Elisabeth).



Only the administration and construction building of the Maffei-Schwartzkopff Works was preserved. Initially it became the headquarter of the Association of State-Owned Enterprises of Locomotive and Railway Carriage Construction (VVB LOWA), founded on July 1<sup>st</sup> 1948. With the establishment of the "Vocational School of Locomotive and Wagon Construction" the specialist engineering education in Wildau commenced. As a separate school building is not yet available, lessons are held in a building belonging to LOWA Central Administration Board up to mid-1950.



Vocational school students move into their first hostel in a villa on Eichstrasse, previously owned by the B.M.A.G. operating manager. Through volunteer work they design their living environments themselves.



## Engineering Education – A Search for Identity **1949 - 1955**



Former HIAG Entourage House as the first separate school building (later House 2) and large parts of the former DEGUSSA grounds were assigned to the vocational school for permanent usage in summer 1950.

## Summer 1950

Presentation of the first separate school building (later House 2) located on Friedrich-Engels-Strasse.

## August 1951

The first group of 25 "Young Engineers" finish vocational school.

## Autumn 1951

The compulsory period of study, defined for engineers in full time studies, is three years.

### July 1952

VVB LOWA is closed. LOWA Construction Office relocates to Berlin-Gruenau and operates under the name "Institute for Railed Vehicles".

#### 1953

The subject area "Locomotive and Wagon Construction" is discontinued as the industrial profile in Wildau changes. The new subject area "Heavy Machinery Construction" is introduced.



The first seminar group of Vocational School of Locomotive and Wagon Construction students at the end of their study term in August 1951 (here in a photo with their lecturers). At that time no one expected Wildau to become an important pool for skilled professionals in numerous industrial disciplines.

## **Engineering Education – A Search for Identity**



Several buildings on Campus Friedrich-Engels-Strasse needed to be converted and extended to serve their teaching purpose; so did the building later referred to as House 4.

### September 1953

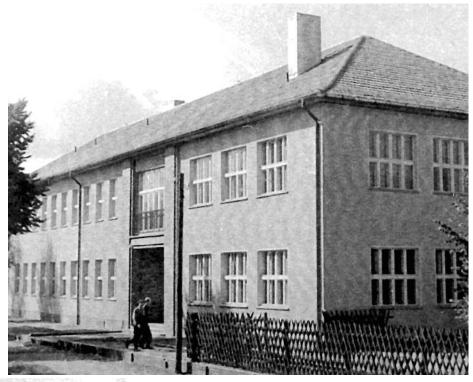
Inauguration of the first newly constructed school building (later House 1) located on Friedrich-Engels-Strasse. The complex comprises eight seminar rooms, a 70 seat auditorium, modern laboratories for experimental physics and chemistry, a teachers' room, a library and rooms for school administration.

## September 1953

The school is renamed "Technical School of Heavy Machinery Construction" and is now assigned to the Ministry of Heavy Machinery Construction.

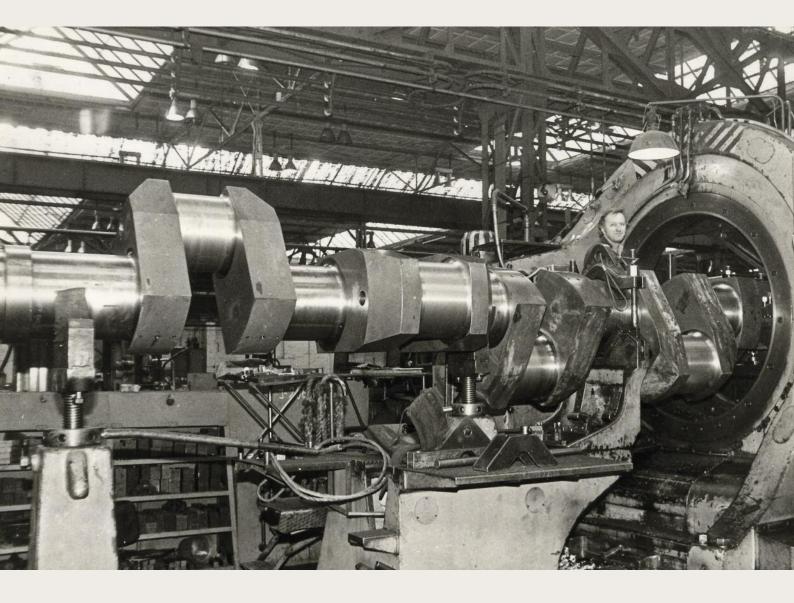
### 1955

Renaming as "Engineering School for Heavy Machinery" (ISW). The result is a network of satellites in major establishments where master engineers are trained, mainly in evening classes, and later, in both evening classes and distance learning courses. Very close links are developed with the newly founded publicly owned firm Schwermaschinenbau (Heavy Machinery Construction) "Heinrich Rau", in Wildau.

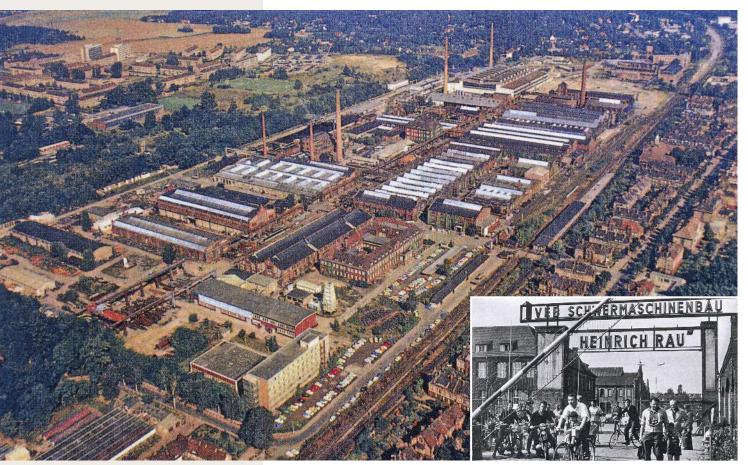


Wer Schulen baut, der will den Frieden/ The first major investment in the extension of the new schools' location on Friedrich-Engels-Strasse. The new building constructed between 1951 and 1953 contains an auditorium, seminar rooms and laboratories (later House 1).

# **1956 - 1991** Skilled Professionals for Mechanical Engineering



## **Skilled Professionals for Mechanical Engineering**



## 1956

The subject area "Technology of Mechanical Engineering" is introduced. The rather generalising term "Technology of Metal-Working Industries" will determine the profile of the engineering school for more than 40 years.

## 1964

In the course of a more general technical education the construction-oriented subject area "General Mechanical Engineering" is introduced. The school is renamed "The Engineering School of Mechanical Engineering Wildau" (ISW).

### 1966

The Engineering School Wildau is assigned to the Ministry of Heavy Machinery and Plant Construction. Particularly close contacts have been developed between the engineering school and the neighbouring VEB Schwermaschinenbau (Heavy Machinery Construction) "Heinrich Rau", successor on the B.M.A.G. grounds.

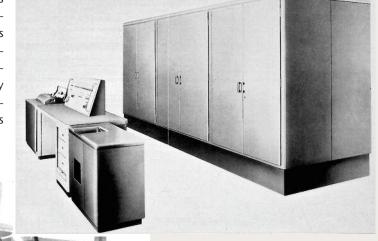


The drawing board and slide rule are basic standard kit for the "Production Machinery Design" course in the "Technology in the Metalworking Industry" field.

## **Skilled Professionals for Mechanical Engineering**

# 1956 - 1991

One of the first computer systems of the GDR, type ZRA 1, was installed at the engineering school in Wildau. That way, prospective engineers became familiar with computer technologies and applications at an early stage. In the course of the assignment to the Ministry of Tool and Processing Machinery Construction, ISW received equipment that was highly modern by the standards of the time. Individual seminar rooms were equipped with PCs for the integration of CAD- and CAM-applications into teaching.



### 1968

An abandoned depot is converted into a sports hall. This special use remains until today.

## 1970

The computer system ZRA 1 is installed in house 5. The Zeiss computer system operates with approximately 1,000 vacuum tubes. The machinery has a connected load of 30kW and fills an entire seminar room including the basement. Its computing power is far below today's pocket calculators. The ZRA 1 is the first industrially manufactured computer in the GDR. Fifteen computers are installed in academic and research institutions, ten in universities and seven in industry.

## 1971

The hostel on Birkenallee is officially opened. From 1973 a canteen is available.

### 1974

ISW is technically assigned to the Ministry of Tool and Processing Machinery Construction. Due to available resources the engineering school evolves into an institution with equipment that is highly modern by the standards of the time. Specialist education in Robot and Computer Technologies plays an essential role.



Living and learning conditions improved for 288 students, with a newly constructed student hostel located on Birkenallee, built from 1969 to 1971.

## **1956 - 1991** Skilled Professionals for Mechanical Engineering



## 1984

Introduction of an additional three-year course for technicians, aimed at year 10 leavers from polytechnic schools.

### 1985

Introduction of an additional two-year technician's course for applicants with completed vocational training, in the field of "automated production", among other subjects.

### 1988

Planning permission is granted for a new educational building on Friedrich-Engels-Strasse (House 3) including a large auditorium. It is officially opened in September 1991 and remains part of Campus Friedrich-Engels-Strasse of The University of Applied Sciences Wildau up to 2007. The building was established on the grounds of a three-aisled factory hall which was severely damaged during the war and subsequently abandoned.

## 1993

The era of "The Engineering School Wildau" ends with the final round of graduates bidding farewell at a graduation ceremony at the end of the year. Most graduates afterwards acquire a diploma granted for a preparatory course at The Technical University of Applied Sciences Wildau which was founded in the meantime. ISW is deleted from the register which is administered by the Federal Ministry of Education and Research. In total, 5.259 engineers, 410 technicians and 1.141 master craftsmen have been trained in 34 years. An investment which experienced and survived the German Reunification: Planned and initiated in 1988 the official opening of House 3 on Friedrich-Engels-Strasse took place in 1991. At that time the GDR as well as The Engineering School Wildau already belonged to history. The building, including a large auditorium for 200 students, seminar rooms and laboratories, became an important asset of the newly founded Technical University of Applied Sciences Wildau. ISW completed degree courses which had already started at The Engineering School Wildau. In 1993 the chapter closed when the final generation of graduates bid farewell.



# **1991 - 1996** A New Beginning and Obstacles to Overcome



## A New Beginning and Obstacles to Overcome

## June 24th 1991

The first Brandenburg Higher Education Law envisages the establishment of universities of applied sciences in Brandenburg aiming to achieve a sufficient and balanced range of institutions in terms of scope, subject areas, number, size and location.

## September 1991

Teaching commenced on the campus of The Engineering School Wildau which at this time is being closed down. The first group of students is enrolled in the subject area of Mechanical Engineering in the same-titled degree course.

## October 22<sup>nd</sup> 1991

Based on the "Decree on the establishment of Universities of Applied Sciences Brandenburg, Eberswalde, Lausitz, Potsdam and Technical University of Applied Sciences Wildau" TUAS Wildau is officially founded. Dr.-Ing. Kurt Rabes, director of ISW for several years, becomes Foundation Representative.

## December 2<sup>nd</sup> 1991

Prof.-Dr. Wilfried Arlt, former director of University of Applied Sciences Bremerhaven, is announced Foundation Director. Members of the Foundation Commission are:

- Prof. Dr.-Ing. Werner Behrmann, University of Applied Sciences Bremerhaven
- Prof. Dipl.-Phys. Georg Christaller, Technical University of Applied Sciences Berlin
- Prof. Dr. Ernst Debusmann, University of Applied Sciences Bremerhaven
- Prof. Dr. Walter Garen, University of Applied Sciences Friesland
- Prof. Dr.-Ing. Erwin Lemke, Technical University of Applied Sciences Berlin
- Dr.-Ing. Kurt Rabes, former Engineering School of Mechanical Engineering Wildau
- Dr. Siegfried Rolle, former Engineering School of Mechanical Engineering Wildau
- Dr.-Ing. Peter Selke, former Engineering School of Mechanical Engineering Wildau
- Prof. Dr. Ernst Schmitt, University of Applied Sciences Emden
- Prof. Dr.-Ing. Waldemar Steinhilper, University of Kaiserslautern

## December 17th 1991

During their first meeting, the Foundation Commission decides on the structure of departments and curricula.



Inauguration ceremony of The Technical University of Applied Sciences Wildau. Target planning of the state government provided for up to 1,645 students to be educated in different departments. For future physical expansion, three variants were initially contemplated:

- Area on Friedrich-Engels-Strasse,
- The site of today's A10-Centre,
- Friedrich-Engels-Strasse, part of the Area North of the former Heavy Machinery Construction-grounds (today Technology and Entrepreneur Centre Wildau).

The development processes following made far better solutions possible.



Members of the Foundation Commission of UAS Wildau and representatives of the state government in front of the newly opened House 3.

## A New Beginning and Obstacles to Overcome

# 1991 - 1996



Teaching commenced on Friedrich-Engels-Strasse on the campus of The Engineering School Wildau which at this time was about to be closed down. Existing buildings were redeveloped and modernised for their new purposes (pictures show House 1 during and after its reconstruction).



## March 11th 1992

The Foundation Commission determines the assignment of Foundation Deans for all departments.

## 1992

The establishment of the University Computer Centre.

## Academic Year 1992/1993

The new degree courses "Physical Engineering" and "Process Engineering" are introduced in the respective study areas.



Renewable energy technologies in the focus: Field experiments for the use of solar energy in the degree course "Physical Engineering".

# 19<mark>91 - 1996</mark>

## A New Beginning and Obstacles to Overcome

## Academic Year 1992/1993

Technical University of Applied Sciences Wildau for the first time offers distance learning courses. Courses initially are limited to preparatory courses for graduates of GDR engineering and vocational schools for obtaining internationally recognised diplomas. At a later stage, degree courses in "Industrial Engineering" and "Business Administration" as well as the postgraduate degree course in "European Management" are introduced.

## 1993

Dipl.-Ing. Hans Lüttgert, former Chief Representative of Siemens PLC, becomes first Honorary Senator of Technical University of Applied Sciences Wildau. This honour is granted to public figures who rendered great service to the development of TUAS Wildau. Subsequently Hartmut Linke (1999), District Administrator (retd.) Dahme-Spreewald, Gerd Richter (1999), former Major of Wildau Municipality, Dipl.-Ing. Harald Zalejski (1999), former Head of the Technology Transfer Division at UAS Wildau and Martin Wille, District Administrator (retd.) Dahme-Spreewald (2008) are accorded the honour.

## Academic Year 1993/1994

Along with the establishment of the Department of Business Administration/Business Computing, new degree courses in "Business Administration" and "Business Computing" are introduced to existing curricula.

## Academic Year 1993/1994

A Centre of Technology Transfer and Innovation Consulting (TIB-Centre) is established at UAS Wildau in order to exploit the university's potential for working with small and mediumsized enterprises (SME) in Brandenburg. The TIB-Centre supervises projects and presents the results at international conferences. Furthermore, it organises advanced training for businesses and supports student entrepreneurship.

## 1**99**4

The Centre of Technology Transfer and Advanced Training at The Technical University of Applied Sciences (TWZ) is founded as an affiliated institute with the authority to establish individual specialised institutes. In that way, UAS Wildau introduces an effective instrument to create excellent conditions in applied research, long before the Brandenburg Higher Education Law trod the same path. Hence, the university successfully revives the former engineering school's traditions in this area.

## September 1994

For the first time, TUAS Wildau implements a seminar for senior citizens. Subjects cover current affairs, economics, medical, social and scientific issues as well as problems in the field of engineering.



Distance learners in front of House 3 on Friedrich-Engels-Strasse. From 1991 the priority for distance learning courses has been for use as preparatory courses for graduates of engineering and vocational schools in the former GDR who planned to obtain Europe-wide acknowledged diploma. At a later stage, curricula focused on undergraduate and postgraduate distance learning courses. In 1997, Prof. Dr. László Ungvári as a representative of the Federal State of Brandenburg was elected Chairman of the Administrative Board of the Distance Learning Association of the New Federal States.



The seminar for senior citizens rapidly developed into an institution which is still alive today. Usually participants are already retired or just about to retire. By participating in the seminars, they explore new fields of interest, receive training in new methods and generally broaden their horizons at the same time socialising and communicating with like-minded individuals.

## A New Beginning and Obstacles to Overcome

## 1991 - 1996



A new home for the Technical University of Applied Sciences Wildau was found: Area South of the former Locomotive and Heavy Machinery Construction grounds. Following partial reconstruction, House 13 could be occupied in 1995.



As partners of TUAS Wildau and Wildau Municipality, the Association of Engineers, Technicians and Economists of the Region of Dahme-Spreewald (ITW) is dedicated to documenting and recording the industrial history of the region and the transfer of recent developments in engineering, and making this information available and accessable to their citizens. Active support during the preparation and organisation of anniversaries is part of ITW's activities.

## Academic Year 1994/1995

A degree course "Chemical and Plastics Technology" commences in the Department of Process Engineering (up to 1996). Syllabi in the Department of Business Administration/Business Computing are being extended by the degree course "Industrial Engineering".

#### December 22nd 1994

Following prolonged negotiations, a contract for the purchase by TUAS Wildau of an area of 30.900 sqm approx is signed. This area includes part of the former locomotive and heavy machinery construction-grounds, including House 13, Hall 14 and House 100 as well as the turntable.

## 1995

Following partial reconstruction, House 13 is occupied. Restoration of the listed building continues until 2000.

### February 2nd 1995

The Association of Engineers, Technicians and Economists of the Dahme-Spreewald Region (ITW) is founded.

## April 1995

The Academic Senate decides to establish a language centre to enhance foreign language education.

## A New Beginning and Obstacles to Overcome

## 1995

For the first time elections of University Committees take place. The Foundation Commission is replaced by the Academic Senate. At the same time, the University Council, the Faculty Council and Deans are elected.

## 1995

Results of applied research carried out by the academic staff of UAS Wildau are published in a periodical named "Wissenschaftliche Beitraege" ("Scientific Contributions") for the first time.

## July 19th 1995

Prof. Dr.-Ing. Wilfried Arlt is elected first president of TUAS Wildau.

## Academic Year 1995/1996

A self-learning centre and a media library is added to the language centre.

## Academic Year 1996

Steffen Reiche, Minister of Science, Research and Culture of the Federal State of Brandenburg, stipulates the suspension of student enrolment in the Department of Physical Engineering, thus putting TUAS Wildau's future as an institution for the education of engineers at risk. But the concerted actions of the university and partners from industries, administration and politics together with various ideas for the restructuring of degree courses and cost efficiency, induced a change of thinking within the Ministry. UAS Wildau obtained clear perspectives for development and achieved a top position among universities of applied sciences in German-speaking countries.



Foundation Director of Technical University of Applied Sciences Wildau, Prof. Dr.-Ing. Wilfried Arlt, during his inauguration speech as the first President of UAS Wildau on July 19<sup>th</sup> 1995.





Autodidactic learning in the language centre's media library: The centre is equipped with multimedia work places, video and TV sets, cassette players, satellite receivers and modern teaching material (language learning software, sound and video material, dictionaries etc.).

# **1996 - 2007** Becoming a Leading Cutting-Edge University



## **1996 - 2007** Becoming a Leading Cutting-Edge University



With the introduction of the degree course "Logistics" (diploma), starting in the academic year 1996/1997, UAS Wildau becomes an international competence centre in this modern discipline, not only in Berlin and Brandenburg. This is, among other activities, demonstrated by an international logistics-conferences organised jointly with Požnan School of Logistics in Poland (the photo shows a conference in Słubice/Poland in 1999).

## Academic Year 1996/1997

The first group of students is enroled in the degree course "Logistics" in the Department of Business Administration/Business Computing. Subjects of specialisation initially are "Corporate Logistics" and "International Logistics". At a later stage specialisation covers "Production Logistics" and "Traffic Logistics".

## Academic Year 1996/1997

The degree courses "Economy and Law" and "Administration and Law" commence, initially in the Department of Business Administration/ Business Computing. This marks the transfer of educational content from The University of Applied Administrative Sciences Brandenburg in Bernau to TUAS Wildau.

## Academic Year 1996/1997

The departments of Technical University of Applied Sciences Wildau are restructured. The former Departments of Mechanical Engineering, Process Engineering and Physical Engineering are merging in the newly founded Department of Engineering/Industrial Engineering. The degree courses "Mechnical Engineering", "Physical Engineering", "Chemical and Plastics Technology" and "Process Engineering" are integrated in the degree course "Engineering". Following their initial studies, graduates may choose from one of the specialisations "Mechanical Engineering", "Physical Engineering" or "Process Engineering". Furthermore, they have the opportunity to choose "Plastics Technology" as part of "Mechanical Engineering" as their major field of study. The degree courses "Industrial Engineering" and "Logistics" (initially part of the Department of Business Administration/Business Computing) are aggregated in the Department of Engineering/Industrial Engineering. In addition, by separating the degree courses "Economy and Law" and "Administration and Law" from the Department of Business Administration/Business Computing, the new Department of Economy, Administration and Law establishes.





The academic year 1996/1997 marks a turning point in UAS Wildau's development. Departments have been restructured and new degree courses evolved. The courses "Physical Engineering" (upper picture) and "Process Engineering" (right) became specialisations within the degree course "Engineering".

## Becoming a Leading Cutting-Edge University 1996 - 2007



A historical steam locomotive of the production series 52 of the Deutsche Reichsbahn (German State Railways) was moved to the turntable, located in front of House 100. About 647 railed vehicles of this type have been manufactured in the construction halls of B.M.A.G. No. 8135 however does not originate in Wildau. The locomotive – donated by the Centre of Technology and Further Education at TUAS Wildau - and the turntable became new landmarks for Wildau's engineering education in the following years.



A so-called "Plattenbau" (prefabricated concrete building), erected in GDR times, was redeveloped into a university building of UAS Wildau. House 100, the former computer centre of VEB Schwermaschinenbau (Heavy Machinery Construction) "Heinrich Rau" was set up on the eastern part of the large Locomotive Construction Hall 15/16, demolished in 1947. After its reconstruction it was initially used for teaching informatics. At a later stage the Department of Economics, Administration and Law moved into the building.

## April 10th 1997

Foundation of the Association of Friends and Patrons of The Technical University of Applied Sciences Wildau. The aim of the association is to support the development of TUAS Wildau by means of appropriate activities thus promoting education, applied research and development as well as advanced trainings.

## Academic Year 1997/1998

Student numbers for the first time exceed 1.000

#### November 24th 1997

Minister of Science of Brandenburg, Steffen Reiche, for the first time presents the Lecturer Award of The University of Applied Sciences Wildau to Dr. Gregory Bond.

#### lune 1998

A steam locomotive of the production series 52 of the Deutsche Reichsbahn (German State Railways) is placed on the listed turntable of former B.M.A.G.

## September 1998

The opening of the reconstructed building House 100. The so-called "Plattenbau" (prefabricated concrete building), previously home of the computer centre of VEB Schwermaschinenbau (Heavy Machinery Construction) "Heinrich Rau" Wildau, initially is used for teaching informatics.

### July 13th 1999

The Association of Friends and Patrons of The Technical University of Applied Sciences Wildau and the Sparkasse Dahme-Spreewald (savings bank) establish the "Foundation for the Sponsorship of Students of The University of Applied Sciences Wildau".

## Becoming a Leading Cutting-Edge University

Academic Year 1999/2000 Student numbers for the first time exceed 2,000.

## Academic Year 1999/2000

In a nationwide pilot project the degree course "Telematics" is established.

## December 1st 1999

Prof. Dr. László Ungvári commences his first sixyear term as President of The Technical University of Applied Sciences Wildau.

## May 2000

For the first time a "Company Contact Fair for Engineering, Informatics, Business Studies and Administration" is organised at TUAS Wildau. It provides an excellent platform for student contacts with potential future employers. Through individual appointments and at company presentations, students get the opportunity to collect information on career entry prospects for graduates, attractive trainee programmes and internships and potential subjects for their thesis.



On December 1<sup>st</sup> 1999, the newly elected President of Technical University of Applied Sciences Wildau was inaugurated by the Minister of Science, Research and Culture of the Federal State of Brandenburg, Dr. Wolfgang Hackel.



The "Wildau Contact Fair for Engineering, Informatics, Business Studies and Administration" took place for the first time as a local career board in May 2000. In the meantime the event developed into a future-oriented career fair and networking event for the capital region of Berlin-Brandenburg. Prof. Dr. Johanna Wanka, Minister of Science, Research and Culture of the Federal State of Brandenburg (lower picture, 2nd from the right) took over the patronage.



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## Becoming a Leading Cutting-Edge University 1996 - 2007



On a sub-site of the large Locomotive Construction Hall 15/16, demolished in 1947, located at the southern end of the former Locomotive and Heavy Machinery Construction grounds, the first new building of UAS Wildau was erected. On June 30th 2000 a ceremonial key handover took place for House 15 also called "Haus Technik" ("House of Technology"). The building was designed by the architect Otto Steidle who died on February 28th 2004.

June 30th 2000

A ceremonial key handover takes place for House 15 on Campus Bahnhofstrasse. The building, named "Technik" (technology), was designed by the architect Otto Steidle and hosts laboratories and seminar rooms for the degree courses "Process Engineering", "Plastics Technology", "Industrial Engineering" and "Logistics".

## August 2000

During his visit, the Prime Minister of Brandenburg, Manfred Stolpe, becomes acquainted with progress at TUAS Wildau.

### 2001

In a nationwide ranking of all Universities of Applied Sciences on the acquisition of external funds per professorship, TUAS Wildau comes in first for the first time. In the following years this position will not only be defended but expanded.

## Academic Year 2001/2002

The degree course "Biosystems Technologies/ Bioinformatics", which evolved from the Inno-Regio project BioHyTec, commences. An associated branch opens in the Biotechnologypark in Luckenwalde.

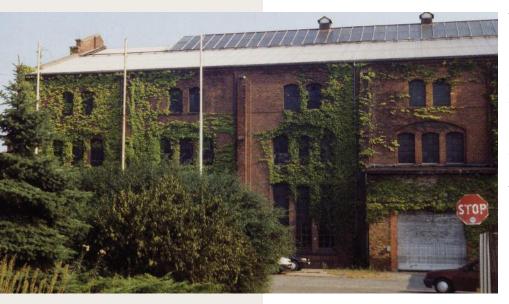
## 2002

The Total Quality Management concept is introduced to create binding standards in education, research and organisation.

> Academic Year 2002/2003 Student numbers for the first time exceed 3,000.



## Becoming a Leading Cutting-Edge University



The Federal State of Brandenburg purchased Hall 10, abandoned in 1995, from Treuhand Liegenschaftsgesellschaft mbH/TLG (Trust Real Estate Company Ltd.) on May 9th 2001, to convert it to an Information. Communication and Media Centre for TUAS Wildau. The Berlin based architects Rebecca Chestnutt and Robert Niess won the call for tenders for the conversion of the listed building. Construction works started in December 2002. The building, erected in 1921, initially served as a disassembly and dispatch hall for the export of locomotives. Later it was used as production space for manufacturing gearwheels by Heavy Machinery Construction works "Heinrich Rau".

## November 2002

The restoration of the two-span Hall 14, located on Campus Bahnhofstrasse commences. The restoration process continues until September 2007, with new laboratories, seminar rooms, offices and a 300 seat auditorium being developed, following the "house-by-house" approach.

### December 2002

In the historical dispatch hall (Hall 10) of the former locomotive plant, building conversions start for its future use as an Information, Communication and Media Centre (IKMZ). As part of the building programme for universities, developed by the federal state government, a modern library is set up and finished in September 2007. The student union in Potsdam invests in a canteen with a café in the same building.

### Academic Year 2003

The joint Master degree course "Photonics", initiated by TUAS Wildau, The University of Applied Sciences Brandenburg and The Technical University of Applied Sciences Berlin (today Beuth-Hochschule fuer Technik, University of Applied Sciences) is introduced into the curricula. That way, partners reinforce the potential to create skilled professionals through competence networks in optical technologies in the capital region of Berlin-Brandenburg. Since the accreditation of the degree course in July 2004, graduates obtain direct access to doctoral studies at a University.

## Academic Year 2003/2004

TUAS Wildau is adjusting to the challenges and requirements of so-called "sunrise industries". The Bachelor and Master Degree courses "Aeronautical Engineering/Aviation Logistics" are included in existing syllabi with the aim to educate highly motivated and skilled experts for the aviation and supply industries.



In November 2002 the conversion of Hall 14 for use as a university building based on the design of the architectural office Anderhalten commenced. The building was constructed in 1906 for the production of wheels and cylinders by the locomotive plant. From 1960 to 1990 it was used by VEB Schwermaschinenbau (Heavy Machinery Construction) "Heinrich Rau" as a rolling mill for rings and delivered more than 10.000 tons of rings per annum for roller bearing industries. Today, the listed brick building hosts a large auditorium, seminar rooms, laboratories and workspace for degree courses in engineering.



Practical Achievements: The team "Aeronautical Engineering/Aviation Logistics" developed the quadruple-rotor, floating measuring platform "HUMMEL" for cargo loads up to ten kilogrammes.

## **Becoming a Leading Cutting-Edge University**

# 1996 - 2007



The Service Centre for International Knowledge and Technology Transfer (SeWiTec), founded in May 2004, provides information and implementation advice on EU funding programmes. Sabine Gossner (left), Head of SeWiTec until 2007, during a workshop on funding opportunities in Poland, in the so-called "Hofsaal" in House 13 on December 19<sup>th</sup> 2006.



Wildau Institute of Technology (WIT) based at TUAS Wildau, offers internationally oriented Master Degree courses in German and English since 2006. WIT chairman Prof. Dr. Thomas Biermann explains the profile of the degree course "Master in Aviation Management". Together with experts from aerospace associations, industries and science, the affiliated institute of UAS Wildau provides information on "Career Opportunities in Aviation" to graduates of Berlin grammar schools and young employees on March 31st 2009 (right picture).

## Academic Year 2003/2004

TUAS Wildau increasingly addresses the requirements of internationally connected enterprises by introducing Bachelor and Master Degree courses in "European Management", part of the Department of Economy, Administration and Law. The consecutive Master Degree is based on UAS Wildau's Bachelor Degree but is also accessible to graduates of degree courses in business studies and economic law obtained from other national or international Higher Education Institutions.

## 2004

As part of the further training programme for job-seekers and graduate engineers in machinery construction looking for career change, the modular advanced training course "Service Engineer in Aviation" is introduced. The course is a joint venture with world market leaders MTU Aero Engines and Rolls Royce Germany as well as with The Technical University of Applied Sciences Cottbus/Brandenburg.

## May 2004

The "Service Centre Knowledge and Technology Transfer" (SeWiTec) is established to support national and international technology transfer and to assist university lecturers during the initiation and implementation of large-scale research projects in cooperation with industrial partners. Emphasis is put on improved access to EU funding schemes for research cooperation with regional, national and international enterprises as well as on the establishment of international research networks.

## February 21st 2005

Wildau Institute of Technology (WIT) is founded as a graduate school and affiliated institute, with the aim to establish postgraduate education according to international standards.



## Becoming a Leading Cutting-Edge University

## May 12th 2005

The TUAS Wildau, as consortium member, participates in the first "Berlin and Brandenburg Aerospace Day" by organising an expert session named "AirCargo" addressing future requirements and developments in air freight.

## May 21st 2005

As part of an Open Day at The Technical University of Applied Sciences Wildau, the "Funkwerk Dabendorf Scholarship" is awarded for the first time in the degree course "Telematics". The commitment of Funkwerk Dabendorf (FWD) in funding young engineers is an example to the entire industry in the capital region of Berlin-Brandenburg.

## June 11th 2005

With a comprehensive programme, TUAS Wildau is participating in the "Lange Nacht der Wissenschaften in Berlin und Brandenburg" (Long Night of Science). It addresses all those interested in looking behind the scenes of the exciting and fascinating world of science. This audience includes pupils who would like to discover professional fields of interest, professionals who are interested in upcoming changes in their work environment brought about through research and development, and the general public taking the chance to broaden their horizons.

## August 30th 2005

The joint project "Front-End-Baggage-Handler – FEBhand" by The Technical University of Applied Sciences Wildau and Project Logistics Ltd. Wildau obtains the Technology Transfer Award (3rd prize) 2005 at the first Technology Transfer Days Berlin-Brandenburg.

## September 24th 2005

For the first time, the Children's University at TUAS Wildau is inviting children at the age of eight to twelve to take part in a special series of lectures that will enable them to gain insight into scientific and technological phenomena in everyday life.

## September 28th 2005

The project "Entrepreneur Campus Wildau" (UCW) is launched In the presence of Ulrich Junghanns, Minister of Science in Brandenburg and patron of UCW. One of the main objectives is to counteract the brain-drain by actively promoting entrepreneurship at the university. Since 2007, UCW has extended its responsibilities to include the support of competitive business start-up and management as well as the provision of modern management knowledge and lifelong learning for the staff concerned.



During the "Long Night of Sciences", Prof. Dr. Siegfried Rolle (2nd from left) outlines the latest technological trends in solar energy to numerous visitors. Since 2005, TUAS Wildau participates in the "smartest" night of the year taking place in the capital region of Berlin-Brandenburg. In 2007, an "airlift" via helicopter between Tempelhof-Airport and Campus Wildau was established.







The Children's University at TUAS Wildau, starting on September 24<sup>th</sup> 2005, rapidly became an indispensable institution for the region. Today, more than 400 pupils from Wildau, the surrounding communities and the Southeast of Berlin regularly study here.

## Becoming a Leading Cutting-Edge University 1996 - 2007

On November 9th 2005, Prof. Dr. László Ungvári received the certificate of appointment for a second six-year presidency at The Technical University of Applied Sciences Wildau, presented in Potsdam by Prof. Dr. Johanna Wanka, Minister of Science, Research and Culture of the Federal State of Brandenburg.





To design and organise practice-oriented education, TUAS Wildau maintains intense and prolific cooperation with innovate SMEs and major international corporations. This includes student internships and thesis, guest lectures, further training and graduation of work professionals as well as applied research projects and technology transfer. A highlight, in cooperation with MTU Maintenance Berlin-Brandenburg Ltd. Ludwigsfelde, was the presentation of a helicopter engine Type TW2-117 in the foyer of House 15.

Success! The first group of graduates of the degree course "Master of Business Administration" with specialisation in "Aviation Management" at Wildau Institute of Technology (WIT) were celebrating their success on November 28th 2008.



## December 1st 2005

Prof. Dr. László Ungvári enters his second sixyear term as President of The Technical University of Applied Sciences Wildau.

### February 9th 2006

Following previous successful cooperation in individual projects, TUAS Wildau and the Central Service of Brandenburg Police sign a longterm cooperation agreement aiming to develop and support knowledge and technology transfer between both partners. Themes for future joint projects are to be identified and realised include both scientific and technological subjects as well as administrative and organisational subjects.

### February 20th 2006

In Frankfurt (Oder) the joint Research and Training Centre of UAS Wildau and IHP Leibniz Institute for Innovative Microelectronics Frankfurt (Oder) "Joint Lab TUAS Wildau - IHP" is inaugurated in presence of Prof. Dr. Johanna Wanka, Minister of Science, Research and Culture of the Federal State of Brandenburg. It combines vital expertise of both institutions for joint research and education in Micro- and Nanoelectronics.

## March 17th 2006

The TUAS Wildau and the sports club "Netzhoppers Koenigs Wusterhausen e. V." sign a cooperation agreement aiming to improve student recreation opportunities by providing access to sports facilities and programmes in the region of Koenigs Wusterhausen.

## March 30th 2006

MTU Maintenance Berlin-Brandenburg Ltd. Ludwigsfelde presents TUAS Wildau with an engine Type TW2-117 as a permanent loan and exhibition piece for the degree course "Aeronautical Engineering/Aviation Logistics". Such engines are used in heavy lift helicopters and are regularly maintained at MTU.

## Academic Year 2006/2007

Teaching at the Wildau Institute of Technology e.V. officially begins in February 2006, with the accredited course "Master of Business Administration (MBA)". The two-year course, which students take at the same time as working, initially includes the specialist subjects of Air Traffic Management, Management Consulting and Public Affairs. It is aimed at engineers, economists and scientists who are preparing for leadership roles in major international companies, but also in small and medium-sized growth-orientated enterprises.

## 1996 - 2007

### Becoming a Leading Cutting-Edge University

#### October 30th 2006

The results of an architectural competition for the development of the southwestern part of former Locomotive and Heavy Machinery Construction grounds are presented to the public for the first time. With this investment the transformation of TUAS Wildau into a campus university continues.

#### November 2<sup>nd</sup> 2006

Business Transfer Centre Logistics (BTL) at UAS Wildau is taking up work as the first centre of its kind within the Federal State of Brandenburg. Its core task is to connect enterprises and research institutes and to initiate knowledge transfer-oriented ventures in the field of logistics.

#### January 29th 2007

The Technology Transfer Award Brandenburg, based on a technology for goods traceability in the food industries based on Radio Frequency Identification (RFID), is presented to an interdisciplinary consortium comprising experts in logistics and telematics. The consortium is led by Prof. Dr.-Ing. Herbert Sonntag and Prof. Dr.-Ing. Stefan Brunthaler, and contains the industrial partner ReiCo Logistics Nunsdorf.

#### February 8th 2007

The official opening of the Wittenberge branch represents a milestone for TUAS Wildau during the implementation of a long-term cooperation agreement between the university and the Technology and Business Park Prignitz Ltd., signed on June 16th 2005.

#### February 2007

Based on a cooperation agreement with Royal Philips Electronics Research in Eindhoven/Netherlands, the "Laboratory for Computational Biology" is established at TUAS Wildau.



In an architectural competition for the largest construction project on Campus Bahnhofstrasse of TUAS Wildau, put out to tender in 2006, the design of SEHW Architect Berlin took 1st place. Based on those plans, the development of the listed industrial hall will include 17 rooms hosting central facilities – among those a 400 seat auditorium – and areas dedicated to applied research for seven engineering courses develop. Furthermore, the construction of a student hostel with rooms for up to 200 students accommodated in modern apartments is planned.



With a workshop on radio frequency identification (RFID) applied on the traceability of goods in the food industries, the Business Transfer Centre Logistics (BTL) goes public for the first time on November 2<sup>nd</sup> 2006. Daniela Gorsler was head of the Transfer Centre up to March 2009.



Philips Laboratory for Computational Biology at UAS Wildau achieves top results in fundamental research: Prof. Dr. Peter Beyerlein (left) outlines latest insights into the clinical picture of "Chronic Pain" to Brandenburg's State Secretary in Economics, Henning Heidemanns. This result was gained in cooperation with the world renowned partners The Mayo Clinic in Rochester/Minnesota. Based on those results, the scientists hope to develop a medicamentous therapy through which pain is treated by the targeted correction of activities of specific genes.

# since 2007 A Campus with International Atmosphere



#### March 26th 2007

In the framework of an initiative launched by the German government and industries, called "Germany – Land of Ideas", Wildau is awarded "Selected Location 2007".

#### September 11th 2007

Prof. Dr. Johanna Wanka, Minister of Science, Research and Culture and Rainer Speer, Minister of Finances both of the Federal State of Brandenburg, inaugurate two new buildings located on Campus Bahnhofstrasse. Hall 10 becomes an Information, Communication and Media Centre (IKMZ) and Hall 14 contains a range of facilities, including an auditorium, seminar rooms and laboratories.

#### September 13th - 15th 2007

About 150 renowned international experts from the fields of science and economy participate in the conference "LINDI – Logistics and Industrial Informatics" at the Technical University of Applied Sciences Wildau. The event is part of a long-term cooperation agreement with the Budapest Tech Polytechnical Institution (Budapest/Hungary, today Óbuda University).



The Technical University of Applied Sciences Wildau together with the municipality of Wildau and Wildau Building Society (WiWO) is awarded "Selected Location" in "Germany -Land of Ideas" on March 26<sup>th</sup> 2007. Dr. Uwe Malich, Major (right) and Prof. Dr. László Ungvári, President of TUAS Wildau, receive the certificate and a sculpture. Gerfried Schilling, Deutsche Bank Koenigs Wusterhausen, as a representative of the donors of the award, made the presentation, acknowledging the successful revitalisation of the listed industrial complex in the centre of Wildau connecting science, economics and quality of life in a unique manner.





The completion of the reconstructions of Hall 10 (above) and Hall 14 (right) in September 2007 marks a milestone along TUAS Wildau's way to becoming a campus university with international flair. The new library on a floor space of more than 1,400 sqm offers home to a comprehensive collection of books and journals, multimedia learning pools, reading rooms and technical support. The building also accommodates a 350 seat canteen and a 47 seat café with up to 1,100 meals being served daily. Hall 14 with a floor space of 3,950 sqm was converted according to varying requirements of the degree courses "Engineering", "Logistics", "Industrial Engineering" and "Telematics".

### A Campus with International Atmosphere

## since 2007



The TUAS Wildau on their way to a family-friendly university: With the official opening of a parentchild-room and a children's party in 2008, important steps have been made in being certified as family-friendly university. Young families get support during the terms of their studies and research activities and gender equality is increasingly promoted.





At the traditional reception on the occasion of ILA Berlin Air Show 2008, Brandenburg's Prime Minister, Matthias Platzeck, welcomed the German astronaut Thomas Reiter (photo above, left) and CEO of the European aerospace company EADS Louis Gallois (picture above, right). Minister of Economics Ulrich Junghanns acquainted himself with recent projects in the field of "Aeronautical Engineering/ Aviation Logistics" (picture left).



#### November 1st 2007

During regular meetings, TUAS Wildau, The University of Applied Sciences Mittweida, The International Graduate School (IHI) Zittau and The Private University of Applied Sciences AKAD Leipzig agree on a strategic partnership for the development of German-Kazakh University, founded in 1999.

#### March 17th 2008

A "Parent-Child-Room" is established to enable students with children to reconcile studies, work tasks and family.

#### May 2008

The ESF-funded project "Family-Friendly University" is initiated to improve equality, and in that way to become even more attractive for students, lecturers and staff.

#### May 27th 2008

Brandenburg's Prime Minister, Matthias Platzeck, invites leading experts from the aerospace sector to an official reception in the library at The Technical University of Applied Sciences Wildau on the occasion of the International Aerospace Exhibition and Conferences – ILA Berlin Air Show 2008.

#### June 11th 2008

One of three Technology Transfer Awards of the Federal State of Brandenburg are presented to an international corporate network which, together with a team of scientists, led by Prof. Dr. Gerhardt Behrendt of UAS Wildau, developed procedures for industrial-level production of high-end multipurpose isolation-material by recycling residues from plastics manufacturing. The centrepiece is the chemical conversion of PET-residues into so-called "Aromatic Polyester Polyols" (APP).

#### July 3rd 2008

The President of the TUAS Wildau signs a contract which is the foundation for the first Pupils Engineering Academy (SIA) in Brandenburg. During a pilot phase, grammar school students from Koenigs Wusterhausen, Eichwalde and Rangsdorf, solve engineering tasks within the disciplines "Aeronautical Engineering" and "Telematics".

#### August 1st 2008

As part of an ESF-funded project a Career Service is established to support undergraduate students as well as graduates.

#### September 2008

Parallel to the academic year 2008/2009, TUAS Wildau and cooperation partners from Brandenburg introduce the dual Bachelor Degree course "Engineering".

#### October 2008

The TUAS Wildau signs the "Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities". In doing so, the university is obliged to comprehensively use the internet for the dissemination of scientific knowledge and intellectual discussion.

#### April 3rd 2009

With the central theme "Wildau – a European Elite Campus for Economics, Science and Quality of Life", a conference is held together with the municipal administration of Wildau. Measures to strengthen the innovation potential of Wildau regarding its economical dimension within the framework of its urban planning development are in the focus.

#### April 6th 2009

After an audit lasting several months, TUAS Wildau is awarded the certificate "Family-friendly University" by "Job and Family Ltd.", part of the Hertie Foundation.

#### May 25th 2009

During a ceremony in Berlin the municipality of Wildau is granted the award of "Location of Diversity". Honours are based on the commitment of many citizens, including students of TUAS Wildau, in terms of diversity, tolerance, democracy and against racism and right-wing extremism.

#### September 1st 2009

The first group of students is enrolled for the Bachelor Degree course "Industrial Engineering (Machinery Construction)" with specialisation in "Vehicle Construction" at Saint Petersburg State University for Engineering and Economics (ENGECON). On September 18<sup>th</sup> they receive their enrollment documents at UAS Wildau. Curricula are based on course content taught at TUAS Wildau, adjusted and implemented at ENGECON. Graduates receive a Double-Bachelor-Degree of both institutions.

### A Campus with International Atmosphere



During the Open Day 2008, UAS Wildau, QualifizierungsCentrum der Wirtschaft/QCW (Qualification Centre of the Economy) Eisenhuettenstadt, the Centre for Further Education Ludwigsfelde (ZAL) and additional partners signed an agreement on a joint degree course which started in September 2008. It connects the professional qualification for "Industrial Mechanics" and the Bachelor Degree course "Engineering". The 3-year degree course commences parallel to the professional qualification in the beginning of the 3rd half-year of training. Starting as part-time studies during the first three semesters the degree course becomes a full-time degree course from the fourth semester on.



During a ceremony in Berlin, TUAS Wildau receives the certificate "Family-Friendly University", presented by Federal Minister of Family Affairs, Ursula von der Leyen (right), and Dagmar Wörl, Parliamentary State Secretary of the Federal Ministry of Economics and Technology. The certificate was granted to the university following several months of auditing on April 6<sup>th</sup> 2009 by berufundfamilie gGmbH (Career and Family), part of the nonprofit Hertie Foundation. The certificate represents another important advantage in the national and international competition of universities. TUAS Wildau has developed into a European elite campus for science, ecomonics and quality of life.

## since 2007



On the occasion of celebrations for "60 Years of Engineering Education in Wildau" many former students and staff met to exchange memories and to learn about the latest development in "their" university and community. At the same time, visitors had the opportunity to acquaint themselves with the conversion of the historical industrial sites of the former Locomotive and Heavy Machinery Construction.





During the foundation of the VDI group of "Students and Young Engineers" (suj) at TUAS Wildau, Florian Garber shared his experience as a member of the suj work group at The Technical University of Berlin.

#### Academic Year 2009/2010

The TUAS Wildau acquires the historic industrial building on campus, House 19. From 2014, rooms suitable for student living and facilities for childcare will be established here in cooperation with the Student Union, Potsdam, utilising over approximately 1,000 sqm of floor space.

#### October 5th 2009

TUAS Wildau establishes a nursery school available for both students and staff to improve the compatibility of family and career.

#### October 10th 2009

Together with the municipality of Wildau, TUAS Wildau celebrates its anniversary "60 Years of Engineering Education" at a ceremony.

#### October 10th 2009

The TUAS Wildau successfully passed certification procedures (international standards DIN EN ISO 9001:2008 and PAS 1037 for market-oriented educational institutions) for their Quality Management System. Certificates are presented by the German Association for the Certification of Management Systems Ltd. (DQS), Frankfurt/ Main during the commemorative event for "60 Years of Engineering Education".

#### December 7th 2009

Following a student initiative in the Department of Engineering/ Industrial Engineering, TUAS Wildau establishes the work group "Students and Young Engineers" (suj) which is part of the Association of German Engineers (VDI).

#### January 25th 2010

A long-term cooperation agreement is signed by TUAS Wildau and the Association of German Engineers with the objective of providing industries in the capital region of Berlin-Brandenburg with skilled and highly motivated experts who are urgently required.

#### January 2010

Following an interim report by the Federal Ministry for Economics and Technology on the Central Innovation Programme SME (ZIM), TUAS Wildau is among TOP 5 universities and research institutions in Germany in demand as research partners by innovative SMEs.

### A Campus with International Atmosphere

#### February 10th 2010

The Minister of Science, Research and Culture of the Federal State of Brandenburg, Dr. Martina Muench, confers on TUAS Wildau the right to appoint university lecturers.

#### May 24th 2010

In Abu Dhabi, the Capital of United Arab Emirates (UAE), the President of Technical University of Applied Sciences Wildau, Prof. Dr. László Ungvári, and the Minister of Higher Education and Research of United Arab Emirates, Sheikh Nahayan bin Mabarak Al Nahayan, sign a Memorandum of Unterstanding for the establishment of a German Graduate School of Logistics. TUAS Wildau will lead a consortium including The University of Applied Sciences Bremen and The Jade University of Applied Sciences of Wilhelmshaven/Oldenburg/Elsfleth to introduce the degree course "Logistics" which will be specially tailored for the gulf region.

#### June 7th 2010

Based on a cooperation which is unique in Germany and which will start in September 2010, TUAS Wildau and Brandenburg Communal Academy (BKA) Potsdam will introduce a new Bachelor Degree course in "Communal Administrational Management and Law". As a result, Public Services of administrative districts, towns and municipalities in the future will be able to choose from a larger group of young skilled experts.

#### June 11th 2010

"The Wildau World Cup Garden", a large public viewing area on the campus of TUAS Wildau, opens in the former boiler house Hall 22 at the 19th Football World Cup 2010 in South Africa. A month students, residents and guests watch the matches live on large projection screens. "The Wildau World Cup Garden" is a joint project of the University, the city of Wildau, the Wildau Housing Company WiWo and numerous local companies around the campus.



A highlight of a successful internationalisation strategy: The agreement on the establishment of a German Graduate School of Logistics in the United Arab Emirates is signed in the presence of Angela Merkel, Chancellor of the Federal Republic of Germany and His Highness Sheikh Mohamed bin Zayed Al Nahayan, Crown Prince of Abu Dhabi. Local partners include Higher Colleges of Technology, which with more than 18,000 students are the largest institution of Higher Education in UAE.



The educational expertise of the TUAS Wildau is increasingly in demand internationally. We have successfully exported numerous courses, run in accordance with proven German quality standards: Industrial Engineering (with specialisation in Mechanical Engineering) and European Management at the State University of Economics and Finance, St. Petersburg (Russia), Business Information Technology at the State University of Yaroslavl (Russia), Logistics and Telematics at the German-Kazakh University, Almaty (Kazakhstan), Logistics and Telematics at the University of Applied Sciences, Rijeka (Croatia), Logistics at the German Logistics University in Abu Dhabi (United Arab Emirates), and Business Information Technology at the Regional College of Management Autonomous (RCMA) in Bhubaneswar, India.

## since 2007

Those who want to be successful in the longterm have to make timely provision for the recruitment of skilled junior staff. An ideal opportunity for doing so is the traditional industrial contact fair at TUAS Wildau, **TH**CON-NECT. As the biggest career board in the capital region Berlin-Brandenburg it represents an important connection between the student classroom and the labour market. Enterprises, institutions and public services introduce their profiles and draw student attention to interesting career opportunities at an early stage.



#### June 30th 2010

In Gubin a Letter of Intent on the establishment of a contact and cooperation office in the Polish border town at the River Neisse is signed. Responsibilities will include giving local guidance to Polish school-leavers interested in degree courses at TUAS Wildau, providing information for local and regional SMEs on latest research results, initiating projects on technology transfer, and in addition, fostering cooperation with Polish enterprises for joint cross-border ventures in research and development.

#### Academic Year 2010/ 2011

Student numbers for the first time exceed 4,000.

#### October 19th 2010

Under the new name **TH**CONNECT, the company contact fair at TUAS Wildau becomes the biggest future-oriented career fair in Brandenburg. It is aimed at students and graduates in the capital region of Berlin-Brandenburg. The patron is Guenter Baaske, Minister of Labour, Social Affairs, Women and Family of the Federal State of Brandenburg.

#### October 26th 2010

A contact and cooperation bureau was opened in Gubin, Poland, as TUAS Wildau's first foreign branch.

#### November 17th 2010

The TUAS Wildau consequently continues its course of internationalisation with the establishment of the affiliated institute DEURABIKA which is linked to the Chair of Economics, Administration and Law. In doing so, TUAS Wildau opens a new chapter in German-Arab university cooperation. The institute's main objective is to build bridges between Germany and the Arab world in the fields of education, science and research. Commonalities and overlapping interests in academic research and education shall be identified which will lead to bilateral projects and joint undertakings in third markets.





On the occasion of the foundation of the affiliated institute DEURABIKA numerous representatives of Embassies and other institutions in the Middle East acquainted themselves in Wildau with excellent study opportunities and international research projects.

### A Campus with International Atmosphere

#### November 22<sup>nd</sup> 2010

The President of TUAS Wildau and the Minister of Higher Education and Research of the United Arab Emirates (UAE) sign a cooperation agreement in the capital of the UAE, Abu Dhabi, for the establishment of a German College of Logistics based on German and UAE laws. This puts the Memorandum of Understanding, signed on 24<sup>th</sup> May 2010, on a legally binding level. With this agreement, which is now sealed, UAS Wildau and its consortium partners contribute directly to the implementation of important strategies of the German Federal Government in the Gulf region.

#### November 24th 2010

During the Workshop "Financing Renewable Energy", the Minister of Economy and European Affairs of Brandenburg, Ralf Christoffers, gives a lecture on "Priority Renewable Energy -Brandenburg as a Pioneer for Energy Transition in Germany" and outlines the energy strategy of the state government.

#### March 2011

The accreditation agency ACQUIN grants the TUAS Wildau admission to the accreditation system. The goal is that the existing teaching and learning quality management system is assessed as a whole, rather than every single course being assessed by external experts, as is traditionally the case.

#### March 3rd and 4th 2011

The 12<sup>th</sup> Annual Conference of the study group "Evaluation and quality assurance of Berlin and Brandenburg Universities" takes place at the TUAS Wildau. The development of a quality culture at academic institutions is the central topic during the conference.

#### March 28th 2011

In the scope of the public event titled "Value-Oriented and Family Conscious – Outstanding Employers in Brandenburg" taking place in Eberswalde, the TUAS Wildau is acknowledged with an award for "Family Conscious Institution" by Günter Baaske, Minister of Labour, Social Affairs, Women and Family of the Federal State of Brandenburg. The award follows the successful conclusion of the project "Funding the 'Work & Family Audit' in Brandenburg".

#### April 4th 2011

With a speech on the subject "Europe in a New Global Power Structure", held in the university library by the former Minister of Finances and Member of the Bundestag, Peer Steinbrück, TUAS Wildau starts a new series of events titled "In Conversation with Political Leaders". This also marks the beginning of the celebrations of the universities' 20th Anniversary.



The President of TUAS Wildau, Professor Dr. László Ungvári and the Vice Chancellor of the Higher Colleges of Technology, Dr. Tayeb Kamali are signing the contract for the launch of the German-UAE College of Logistics at Higher Colleges of Technology in Abu Dhabi, the capital of the UAE in the presence of the former British Prime Minister John Major (right), the Minister for Higher Education and Research of the VAE, H.E. Sheikh Nahyan bin Mubarak Al Nahyan, the Federal Minister of Saxony, Stanislaw Tillich and the Ambassador of the Federal Republic of Germany in the VAE, Klaus-Peter Brandes (left).



In an entertaining and quick-witted way Peer Steinbrück, Member of the Bundestag, dealt with different aspects of international political power structures and the changes towards a multipolar world, Germany's position and current policies of the Federal Government. Afterwards he answered – presented by Stephan-Andreas Castorff, editor-in-chief of the daily newspaper "Der Tagesspiegel" – questions from the audience. The event series "In Conversation with Political Leaders" was created in cooperation with Prof. Dr. Peter Danckert, Member of the Bundestag, who also had the patronage of this event.

## since 2007

#### April 4th 2011

The President of the TUAS Wildau Prof. Dr. László Ungvári and the Mayor of the municipality Wildau Dr. Uwe Malich invite deserving colleagues and employees, honour students, cooperation partners, friends and patrons to a joint reception on the occasion of the university's 20th Anniversary.

#### April 28th 2011

The TUAS Wildau and the Regional College of Management Autonomous (RCMA) in Bhubaneswar (capital of the East Indian state Orissa) agree on a long-term cooperation in Wildau. Student exchanges with the option of obtaining double Master Degrees in "Business Informatics" (TUAS Wildau) and "Computer Application" (RCMA) as well as joint research projects are in the centre of attention.

#### May 2011

In the TUAS Wildau team for "Molecular Biology and Functional Genomics", headed by Prof. Dr. Marcus Frohme the complete genetic material (genome) of an organism is decoded for the first time at a technical university. This is made possible by a high-output DNA sequencer funded with money from the European Regional Development Fund (ERDF) under the umbrella of the national "Knowledge and Technology Transfer for Innovation" programme. The object of investigation is a cyanobacteria strain that is cultivated in laboratories for, among other things, the production of renewable fuels.

#### May 6th 2011

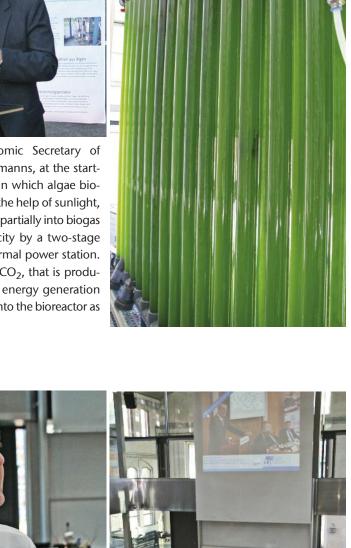
The pilot plant of a photobioreactor based on seaweed in association with a combined heat and power plant is brought into service in the presence of the Undersecretary for Economic Affairs of Brandenburg, Henning Heidemann. With this investment, made in the scope of projects in the "Forum Science, Research, Development and Education in the Lausitz Energy Region", headed by the mayor of the city of Cottbus, Frank Szymanski, TUAS Wildau strengthens its area of competence in renewable energy technologies.

#### May 9th 2011

The Ambassador of the United States of America to the Federal Republic of Germany, H.E. Philip D. Murphy, gives a talk to students, staff and guests of TUAS Wildau on the subject of "Heroines & Heroes – People Who Have Made a Difference".



State, Henning Heidemanns, at the startup of the pilot plant in which algae biomass, produced with the help of sunlight, is converted wholly or partially into biogas and then into electricity by a two-stage process in a small thermal power station. The greenhouse gas, CO<sub>2</sub>, that is produced as a result of the energy generation process, is redirected into the bioreactor as part of a closed cycle.



H.E. Philip D. Murphy, Ambassador of the United States of America to the Federal Republic of Germany, put personalities in the centre of his speech, which distinguished themselves due to their courage and commitment and explained, based on their life's journeys, how important it is to take a stand for one's aims and ideals.

### A Campus with International Atmosphere

#### May 23<sup>rd</sup> 2011

The expansion of The Technical University of Applied Sciences Wildau to become a modern campus university makes rapid progress also in its 20th Year. The Minister of Science, Research and Culture of the Federal State of Brandenburg, Professor Dr.-Ing. Sabine Kunst, and the State Secretary of the Ministry of Finances of the Federal State of Brandenburg, Daniela Trochowski, together with the managing director of Student Services, Karin Baensch, the managing director of the Brandenburg State Agency for Real Estate and Construction, Norbert John, and the President of TUAS Wildau, Prof. Dr. László Ungvári, lay the symbolic foundation stone for new university buildings and a student hall.

#### June 1st 2011

In the university library, the exhibition "Reach for the Sky: the white rose, a symbol of resistance" is opened in celebratory fashion. The artist Sabine Rudolph presents work on the diverse resistance group "White Rose" with portraits of students in Nazi Germany.

#### June 20th 2011

Two photo voltaic installations with a peak performance of more than 120 kilowatt are officially put into service at TUAS Wildau. This is an important step for the expansion of the research base for renewable energy technologies.

#### June 20th 2011

The senate re-elects Prof. Dr. László Ungvári for his third six-year term as the President of The Technical University of Applied Sciences. The new term begins on December 1<sup>st</sup> 2011.





A ceremony on the occasion of the laying of the foundation stone: Signing the planning documents for the largest university building project in Brandenburg. Until the end of 2012 a new building and the reconstruction of a listed industry hall for the innovative degree courses Biosystems Engineering/Bioinformatics, Aviation Engineering/ Aviation Logistics and European Management as well as a modern dormitory for 100 students will be developed according to designs of the architect's office SEHW-Architekten Berlin.



The art exhibition, "Reach for the Sky: the white rose, a symbol of resistance" enjoyed a celebratory opening in the university library.

## since 2007

#### June 22<sup>nd</sup> 2011

The Network of the Brandenburg Offices for Technology Transfer "iq brandenburg", the ZAB Brandenburg Economic Development Board, the TSB Technology Foundation Berlin and the Chambers of Industry and Commerce in Berlin and Brandenburg jointly arrange the traditional "Technology Transfer Day Berlin-Brandenburg", taking place at the Campus of TUAS Wildau.

#### June 28th 2011

The 2<sup>nd</sup> Wildau Location Conference, co-event of university, municipal administration and Wildau Building Society take stock of 2 years of communal development and deal with the future subject "Wildau on the way to becoming a university town".

#### July 6th 2011

The cooperation agreement between the TUAS Wildau and the Central Police Service of the Federal State of Brandenburg is extended. The cooperation ranges from the allocation and supervision of student theses to the cooperation in long-term research projects in securityrelated fields.

#### July 15th 2011

The TUAS Wildau enjoys a further increase in its attractiveness to prospective students, receiving over 4,000 applicants for the first time. Despite the adverse demographic trends in school leavers in East Germany, demand has increased significantly for a place at Wildau. In the winter term of 2011/2012, 4,089 young people applied, which is 6.8 per cent more than in the winter term of 2010/2011.

#### September 11th 2011

The German Emirati School of Logistics Consortium, founded under the leadership of the TUAS Wildau in conjunction with Emirates partner university Higher Colleges of Technology (HCT) in the capital of the United Arab Emirates, Abu Dhabi, opens its doors, and the first 22 students for the Bachelor's degree in Logistics enrol. The students also receive student cards for the Technical University of Applied Sciences, Wildau.

#### October 15th 2011

The Graduation Ceremony is held for the graduates of the 2010/2011 academic year. Dr. Frank-Walter Steinmeier, Chairman of the SPD Parliamentary Party in the German Bundestag and retired Federal Minister of Foreign Affairs, is the guest speaker. The event held in the marquee on campus was the culmination of celebrations for the 20th anniversary of the founding of the TUAS Wildau. The day was brought to a close with a grand university ball in the evening.



At the 2nd Wildau Location Conference about 60 participants discussed about chances and potentials of an integrated local development. Concepts for the integration of economy and science with a high quality of life were central subjects.



The former German Foreign Minister Frank-Walter Steinmeier, Chairman of the SPD Parliamentary Party in the German Bundestag, gave the keynote address at the Graduation Ceremony for graduates of the academic year 2010/2011.



A grand university ball was held in a marquee on campus to celebrate the 20th anniversary of the Technical University of Applied Sciences, Wildau in 2011.

### A Campus with International Atmosphere

#### October 15th 2011

For the first time at the TUAS Wildau, five students receive the Germany Scholarship, supporting the next generation of skilled workers in the region.

#### October 24th 2011

The nationwide Library Day is the reason behind the University Library opening its doors for a special cultural event: With the launch of a newly published architectural guide, the re-unveiling of a sculpture by Dresden-based sculptor Peter Makolies, the opening of an exhibition of small artworks by refugee children and the play "An Impostor Told" a broad brush is painted across a range of artforms.

#### November 2nd 2011

In conjunction with the chambers of industry and commerce in Brandenburg and Berlin, the TUAS Wildau hosts the traditional Technology Forum in the capital region. With its focus on "New Products and Services in Demographic Change", the event is held under the patronage of the Minister of Economy and European Affairs of the State of Brandenburg, Ralf Christoffers.

#### November 3rd 2011

The topping-out ceremony for new buildings is another milestone in the development of the TUAS Wildau as a modern university campus. Symbolically hammering the final nails into the structural works for two new academic buildings and a student dormitory were the Minister for Science, Research and Culture of Brandenburg, Prof. Dr.-Ing. Dr. Sabine Kunst, and the State Secretary in the Ministry of Finance of the State of Brandenburg, Daniela Trochowski, together with the Director of Student Services Potsdam, Karin Baensch, the Commercial Director of the Brandenburg State Office for Real Estate and Construction, Volker Bargfrede, and the President of the TUAS Wildau, Prof. Dr. László Ungvári.

#### November 21st 2011

In Potsdam, the Minister for Science, Research and Culture of Brandenburg, Prof. Dr.-Ing. Dr. Sabine Kunst, presents the President of the TUAS Wildau, Prof. Dr. László Ungvári with his letter of appointment for his third six-year term.

#### November 24th and 25th 2011

The 4th Symposium, held in Wildau, of the Brandenburg Institute for Entrepreneurship and SMEs (BIEM e.V.), founded by nine universities and colleges in the state of Brandenburg together with the Brandenburg Economic Development Board (ZAB), focuses on the topic of "Cooperation between universities and small and medium-sized enterprises of Brandenburg".



Dr. Wolfgang Krueger (pictured right), Chief Executive of the Cottbus Chamber of Commerce, welcomed the participants of the Berlin-Brandenburg Technology Forum. Prof. Birgit Wilkes (pictured above) talked about innovative solutions in a workshop on the topic of "Living in the Future".





In fitting traditional style, the ceremony for the inauguration of the new buildings in Campus Area II included the address by the site foreman, as well as the symbolic completion of the structural works and the roofs with their "final" nails.



In Potsdam, Minister for Science, Prof. Dr.-Ing. Dr. Sabine Kunst, presented the President of the Technical University of Applied Sciences, Wildau, Prof. Dr. László Ungvári with his letter of appointment for his third term of office.

The first cooperation agreement between the German Conciliation Body for Public Trans-

port (SOP) and an academic educational institution was signed by the Head of SOP. Edgar

## since 2007

#### November 30th 2011

The artistic programme of the anniversary year of the TUAS Wildau is brought to its culmination by the actor and presenter Dieter Moor. The Zurich-born artist reads from his book "What we do not have, you do not need ..." in the university library.

#### January 17th 2012

On the back of an already long and successful collaboration on the Business and Law courses in the Department of Economics, Administration and Law, a cooperation agreement is signed with the German Conciliation Body for Public Transport, Berlin. The aim is the mutual exchange of scientific knowledge and practical experience to encourage out-of-court settlement of disputes through conciliation in the field of public transport.

#### February 6th 2012

At the invitation of the president of the TUAS Wildau, the Mayors of Eichwalde, Koenigs Wusterhausen, Schulzendorf, Wildau and Zeuthen meet with university lecturers to discuss the utilisation of their expertise for regional development.

#### February 7th 2012

The first 20 students on the degree course in Industrial Engineering (Mechanical Engineering) exported to the State Engineering University of Economics ENGECON, in St. Petersburg, Russia (later the State University of Economics and Finance FINEC) complete their sixth term at the TUAS Wildau.

#### February 21st 2012

The municipal council of Wildau decides to apply to the provincial government for the award of the title of "city". The rationale high-lights the fact that the TUAS Wildau is of great importance as a magnet attracting people to the area and thus promoting its further economic recovery. The university has worked intensively in an initiative group comprised of community leaders and local government since the beginning of 2011.

#### February 27th - March 2nd 2012

The "1st Science Week at the Technical University of Wildau" combines high-profile conferences with workshops on selected research topics. The aim is to further consolidate the reputation of the TUAS Wildau as the strongest research university of applied sciences in Germany. A particular highlight is the symposium "Protecting and Finishing of Surfaces" on February 28th and 29th 2012. The symposium marks the conclusion of the Innovation Forum of the same name, an event under the umbrella of the innovation initiative "Enterprise Region" of the Federal Ministry of Education and Research (BMBF).

under the direction of Prof. Dr. Sigurd Schrader (pictured right) was the decisive factor for the development of the BMBF Innovation Forum "Protecting and Finishing of Surfaces". This underlined the university's research strength in this scientific field. The Innovation Forum was divided into two expert workshops (pictured below) and a plenary session, forming the core of the first Science Week at the TUAS Wildau.

Isermann (2nd from right).





### A Campus with International Atmosphere

#### March 15th 2012

Work begins on the conversion of the S-Bahn overground station, Wildau, into a modern, barrier-free S-Bahn station. The Deutsche Bahn AG project involves a new platform, a second platform track and a lift. In addition, the TUAS Wildau gains a more aesthetic entrance to the station as a result of the underpass renovation.

#### April 26th 2012

The exhibition "Forgotten - Displaced - Reconciled – Places of Nazi forced labour in the Dahme-Spreewald" opens in the university library, in the presence of former forced labourers from Poland. The organiser is the Cultural Landscape Dahme-Spreewald e.V. Association.

#### May 5th 2012

The role of English as the language of instruction in the processes of internationalisation is the topic of the conference "English for Academic Purposes and Business Studies", jointly organised by the TUAS Wildau competence centre "English as Medium of Instruction", the Oxford University Press, the magazine Business Spotlight and the British Council.

#### June 7th 2012

Under the patronage of the Minister of Economy and European Affairs, Ralf Christoffers, the 2nd Timber Conference of Brandenburg is held at the TUAS Wildau. Focal points of the conference are cooperation, strengthening the skills base, and research.

#### June 11th 2012

Family-friendliness proves an important factor in the competition for choice of location. The TUAS Wildau receives a career & family audit certificate from "berufundfamilie gGmbH" for the second time, for being a "family friendly university".

#### July 2nd 2012

Prof. Annette Schavan, Federal Minister of Education and Research, visits the TUAS Wildau and gives a lecture entitled "Progress through Innovation" in the university library.

#### September 10th and 11th 2012

The OECD Workshop "Indicators of regional transition to a low-carbon economy in Germany" takes place as part of the supporting programme for the International Aerospace Exhibition ILA 2012. Speakers and experts taking part include those from Australia, Belgium, Chile, Denmark, Germany, the UK and Luxembourg. The TUAS Wildau and The Regional Growth Centre "Schoenefelder Kreuz" host the event in partnership with the OECD Programme for Local Economic and Employment Development (LEED).



The exhibition "Forgotten - Displaced - Reconciled ..." in the university library presented information about Nazi forced labour during World War II at the site of the former locomotive factory in Berlin Maschinebau AG, formerly L. Schwartzkopff, on what is now the campus of the TUAS Wildau. Thousands of forced labourers and prisoners of war from Russia, Poland, the Netherlands, France and other European countries were placed in barracks or in the compound and were exploited by the corporations of BMAG and AEG on behalf of the German war effort.



On a tour of the campus, Federal Education Minister Prof. Annette Schavan was informed by Prof. Andreas Foitzik at the Microsystems Technology Laboratory of the latest findings in applied research which provide innovative solutions in the field of medicine and health technology.



During the OECD workshop "Indicators for the regional transition to a lowcarbon economy in Germany", there was also an exchange of views with the Parliamentary State Secretary of the Federal Ministry for the Environment, Conservation of Nature and Nuclear Safety, Katherina Reiche (middle picture).

## since 2007



In his lecture, the Australian Ambassador, H.E. Peter Tesch, retraced the footsteps of the 19th century German explorer, zoologist, biologist and geologist, Ludwig Leichhardt, who travelled from the province of Brandenburg to explore the "fifth continent", Australia.

Sabine Donau (pictured centre) was delighted to accept the highly-prized national library award for "Library of the Year 2012" on behalf of her team. The presentation was made by President Gudrun Heute-Bluhm, Mayor of the city of Loerrach in Baden-Wuerttemberg, and Dr. Elmar Lueth of the Zeit Foundation.





The chairman of Germany's Social Democratic Party, Sigmar Gabriel (right), answered numerous questions after his lecture about the current situation in Europe and Germany, in conversation with journalist Daniel Sturm.

#### September 14th - 16th 2012

The TUAS Wildau is a meeting place for experts from around the world. The focus of the international scientific conference entitled "Challenges for Analysis of Business and the Economy" organised by the Department of Business, Administration and Law is the current challenges in the analysis of economic, social and business processes.

#### October 13th 2012

The graduation ceremony takes place for 903 students from the 2011/2012 academic year. The keynote speech is given by H.E. Peter Tesch, Australian Ambassador to Germany, Switzerland and Liechtenstein. Since the university was founded it has celebrated a total of almost 9,000 Bachelor's and Master's degrees and Diplomas awarded to its students.

#### October 13th 2012

The TUAS Wildau receives re-certification of its comprehensive quality management system in line with DIN ISO 9001 and the new educational standard DIN ISO 29990. The external auditors confirm in their report that the university has further improved its quality management system in the past three years. Among other things, they praise the university development plan, which has been formulated up to 2019 and provides clear guidelines for harmonisation both regionally and with the policy goals of the Ministry of Science.

#### October 16th 2012

The TUAS Wildau and the educational company TRAINICO GmbH, Wildau, have sealed a cooperation agreement for long-term cooperation in the field of education and training. Particular attention is paid to aviation-related academic programmes.

#### October 24th 2012

At the inaugural event of the nationwide week of events "Meeting Point Library – Information has many faces" the library of the TUAS Wildau received the "Library of the Year 2012" award, presented by the German Library Association (dbv) and Zeit-Stiftung Ebelin und Gerd Bucerius. In reaching their verdict, the jury were particularly struck with the inventiveness and innovation of the team, as well as the exemplary use of advanced RFID technology to optimise and reliably control the loaning and booking of media.

#### November 6th 2012

The chairman of the Social Democratic Party of Germany, Sigmar Gabriel, visits the TUAS Wildau and gives a lecture on "Progress and Justice – the necessary decisions for Germany and Europe" to students, lecturers, staff and guests.

#### November 22nd 2012

The construction of the first student residence on campus is officially inaugurated. The project is part of a competitive tendering process that was initiated in 2006, in which two construction phases for approximately 100 students were planned. The first phase is now completed.

#### November 14th 2012

The TUAS Wildau is ranked 15th out of more than 120 universities, colleges and vocational colleges in the German-speaking world that offer courses in the field of Logistics. In the individual rankings the Technical University of Applied Sciences, Wildau managed to land the number 7 spot. This is the result of the university rankings for Logistics under the heading of "Top 50 Universities for Logistics", which is produced annually by the magazine "Verkehrs-Rundschau".

#### December 1st and 2nd 2012

On the eve of the first Sunday of Advent, the university library is transformed into a large reading room for every man, woman and child. The university's first ever "book evening" for the public takes place in collaboration with the local library and the bookshop Wildau Radwer from Koenigs Wusterhausen. Visitors have approximately 100,000 volumes of non-fiction and fiction, as well as travel literature and Antolin educational books for children at their disposal. And in the group study rooms there is a workshop on library management systems, as well as readings and games.

#### December 11th 2012

At the south Brandenburg eBusiness day, the TUAS Wildau and the Cottbus Chamber of Commerce present their new joint project "eBusiness Navigator for South Brandenburg", a focal point for enterprises dealing with issues of automating their business processes by means of modern information and communication technology as well as through web-based applications.

#### January 30th 2013

What are the job and career opportunities after successfully studying Computer Sciences at the TUAS Wildau? This question is answered by the "1st Computer Science Trade Day" at the Technical University of Applied Sciences, Wildau. School pupils from the states of Brandenburg and Berlin in years 7 to 12 can learn comprehensively about course content, requirements and future prospects of the Bachelor programmes in Biosystems Engineering/Bioinformatics, Telematics and Industrial Computer Science.

### A Campus with International Atmosphere







With the new student residence of the student union in Potsdam, housing for 97 students has now become possible for the first time on campus. A four-story building with 93 one-room apartments, two two-room apartments for students with children and two apartments for disabled people. The small, furnished apartments are 21 sqm. Besides the combined working and sleeping areas they also have a bathroom, kitchenette and hall. The fresh green hues add a splash of colour to the design.



At the heart of the first specialist day on computer sciences for students of secondary schools and sixth form colleges was the application of modern information and communication technologies in business and society. University teacher Prof. Dr. Ralf Vandenhouten (pictured left) provided both theoretical and practical insights through experiments, and gave the participants the opportunity to make their own contributions in student labs.

## since 2007

#### February 20th 2013

In the event series "In Conversation with Top Politicians," the former German President Dr. Horst Koehler gives a lecture in the university library on issues of global development to students, lecturers, staff and guests from around Wildau.

#### February 22nd 2013

A day of great information and activities, under the heading of "TH DISTANCE STUDY – Studying while you work - southeast of Berlin" takes places for the first time at the TUAS Wildau as part of the nationwide distance learning day. A comprehensive overview of the undergraduate and postgraduate courses on offer is provided through lectures, discussion forums and information booths.

#### March 2013

On the initiative of Prof. Dr.-Ing. Joerg Reiff-Stephan, programme spokesman for Engineering/Mechanical Engineering, the TUAS Wildau supports development projects that use renewable energy technology in the West African Republic of Togo. Cooperation partners are the university in the capital, Lomé and "IT Village", the association of help for self-help based in the savannah region in the north of the country.

#### March 10th - 15th 2013

The 2nd Science Week at the Wildau publicly presents research findings from selected research fields. The highlight is the 8th German biosensor Symposium from 10<sup>th</sup> to 13<sup>th</sup> March 2013, attended by approximately 300 experts who have travelled from Germany, Austria, France, Switzerland and the UK.

#### March 26th 2013

The Brandenburg state government decides that the community of Wildau is to receive designation as a "city" with effect from April 1st 2013.

#### May 25th 2013

As part of the traditional open day at TH Wildau, a photographic exhibition entitled "Wildau's Silent Landscapes during the Upheaval – a photographic journey in black and white" opens in the library. The photographer Lothar-Michael Peter has captured the period of the first half of the 1990s in 120 black and white photographs of Wildau.



The focal points of former German President Dr. Horst Koehler's speech were the principal features and challenges of the global development agenda which he developed together with 26 other high-ranking personalities from around the world, commissioned by UN-Secretary-General Ban Ki-Moon.

The organisation of the 8th German biosensor Symposium by the research group for biosystems technology of Prof. Dr. Fred Lisdat Biosystems (centre), has strengthened the reputation of the TUAS Wildau as one of Germany's leading (technical) research universities. The event provided many young scientists and young researchers with a platform to present results from their master's and doctoral theses or their own research projects to a wider audience.





The pictures from the photography exhibition "Wildau's Silent Landscapes during the Upheaval..." from 1993 and 1994 showed, among other things, the industrial area in the centre of Wildau between Bergstrasse and Freiheitstrasse, where the campus of the TUAS Wildau now stands. Young accordion players from Wildau's Music School created the musical framework for the exhibition opening.

### A Campus with International Atmosphere

#### May 25th 2013

In a cooperation agreement in conjunction with the company Energiequelle, Zossen, the TUAS Wildau supports the community of Bestensee in addressing the challenges of changing german energy policy. The municipality wants to create a future-orientated local energy supply by combining different sources of energy and effective energy management and thus saving costs in the long term. Pilot projects are to include a sports arena, a primary school and a nursing home. The teaching and research department for Energy Technology is accompanying the project as a scientific partner.

#### June 6th 2013

The TUAS Wildau holds its first "Long Night of Postponed Chores" in the university library. From 6 pm, students can write their papers or theses, seek advice and pick up new ideas in short workshops.

#### June 7th 2013

The TUAS Wildau and the Dedan Kimathi University of Technology (Dekut) in Nyeri, Kenya sign a cooperation agreement. The emphasis is on the exchange of students and teachers as well as scientific and technical cooperation in the fields of Engineering, Renewable Energy Engineering and Energy Management and development of infrastructure for coffee growing and coffee processing.

#### June 11th 2013

The newly designed cross-road and the adjoining campus site in front of the S-Bahn overground station of Wildau is officially inaugurated. As a result, the university gains a more attractive transport link with the city, and in turn, the city makes a statement in terms of urban planning as a zone with reduced traffic, creating an attractive line of sight between various localities and the campus.

#### September 11th 2013

The new university buildings, House 16 and Hall 17 on the southwestern Campus Area II are officially opened. At the "First Sciences Day at the Technical University of Applied Sciences, Wildau" the public has its first opportunity to visit the modern laboratories and facilities. From the start of The Academic Year 2013/2014, they are available for teaching and research purposes.



At the signing of the cooperation agreement with the Dedan Kimathi University of Technology in Nyeri the Ambassador of the Republic of Kenya in Germany, H.E. Ken Nyauncho Osinde (4th from right), received delegations from both the signatory parties in Berlin.



Wildau's Mayor Dr. Uwe Malich (right), Grit Steinhagen, Brandenburg State Office for Property and Construction, and the President of the TUAS Wildau, Prof. Dr. László Ungvari, formally opened the new transport link to the city.



The restored listed building Hall 17 with its Auditorium Maximum, seminar rooms and laboratories adds an element of industrial history to Campus Area II.

Heads/Directors of Institutions Preceding University of Applied Sciences Wildau 1949 Dipl.-Ing. Karl-Heinz Petzold (Foundation Representative and first (provisional) Head of the Vocational School for Locomotive and Wagon Construction Wildau) 1950 - 1951 H. Rudloff (Head of Vocational School for Locomotive and Wagon Construction Wildau) 1951 - 1953 Hans Laute (Head of Vocational School for Locomotive and Wagon Construction Wildau) 1953 - 1956 Dr. Arthur Liebmann (Director of Vocational School of Heavy Machinery Construction Wildau) 1956 - 1960 Erwin Glombitza (Director of Engineering School of Heavy Machinery Construction Wildau) 1960 - 1973 Alexander Samaschke (Director of Engineering School of Heavy Machinery Construction Wildau, from 1964 Engineering School of Mechanical Engineering) 1973 - 1991 Dr.-Ing. Kurt Rabes (Director Engineering School of Mechanical Engineering) **Chairmen of the Academic Senate** 1995 - 1999 Prof. Dr.-Ing. Wilfried Arlt 1999 - 2001 Prof. Dr. Siegfried Rolle 2001 - 2003 Prof. Dr. Thomas Biermann 2003 - 2007 Prof. Dr. Günter-Ulrich Tolkiehn 2007 - 2009 Prof. Dr. Thomas Biermann 2009 - 2011 Prof. Dr. Ralf Vandenhouten since 2011 Prof. Dr. Thomas Biermann Presidents 1991 Dr.-Ing. Kurt Rabes (Foundation Representative) 1991 - 1995 Prof. Dr.-Ing. Wilfried Arlt (Foundation Director) 1995 - 1999 Prof. Dr.-Ing. Wilfried Arlt since 1999 Prof. Dr. László Ungvári **Vice-Presidents** 1996 - 1999 Prof. Dr. László Ungvári 1999 - 2005 Prof. Dr. Asta Richter 2003 - 2011 Prof. Dr.-Ing. Herbert Sonntag (1st Vice-President) since 2005 Prof. Dr. Jörg Peter since 2011 Prof. Dr. Ulrike Tippe Prof. Dr. Ralf Vandenhouten since 2011 Chancellors 1991 - 2005 Dr. Renate Wilde 2006 - 2007 Thomas Lehne (temporarily charged with the conduct of affairs) since 2008 Thomas Lehne Deans 1992 - 1995 Prof. Dr. Ernst Debusmann (Foundation Dean, Dept. Business Administration/Business Computing) 1992 - 1996 Prof. Dr.-Ing. Erwin Lemke (Foundation Dean, Dept. Mechanical Engineering) Prof. Dr. Siegfried Rolle (Foundation Dean, Dept. Physical Engineering) 1992 - 1996 1992 - 1996 Prof. Dr.-Ing. Eberhard Wegener (Foundation Dean, Dept. Process Engineering) 1995 - 1999 Prof. Dr. Lothar Brunsch (Dept. Business Administration/Business Computing) 1996 - 1999 Prof. Dr.-Ing. Peter Selke (Dept. Engineering/Industrial Engineering) 1996 - 2007 Prof. Dr. Hilmar Brauner (Dept. Economics, Administration & Law) 1999 - 2011 Prof. Dipl.-Ing. Thomas Mirre (Dept. Engineering/Industrial Engineering) 1999 - 2011 Prof. Dr. Rainer Voß (Dept. Business Administration/Business Computing) Prof. Dr. Bertil Haack (Dept. Economics, Administration & Law) since 2007 since 2011 Prof. Dr.-Ing. Klaus-Martin Melzer (Dept. Engineering/Industrial Engineering) since 2011 Prof. Dr.-Ing. Michael Hendrix (Dept. Business Administration/Business Computing) Lecturer's Awards 1997 Dr. Gregory Bond 1998 RD Heinrich Theelen 1999 Prof. Dr. Stephan Teichmann 2003 Prof. Dr. Thomas Biermann 2005 Team Telematics, Head: Prof. Dr. Ralf Vandenhouten 2007 Prof. Dr. Ulrike Tippe 2009 Dr. Achim Kehrein 2011 Prof. Dr. Siegfried Rolle **Research Awards** 2005 Prof. Dr.-Ing. Bernd Hentschel / Prof. Dr. Rainer Voß 2007 Prof. Dr.-Ing. Herbert Sonntag 2009 Prof. Dr. Sigurd Schrader Prof. Dr. Margit Scholl / Prof. Dr. Marcus Frohme 2011 **Research Professorships** Prof. Dr. Peter Beyerlein (subject area "Bioinformatics") 2009 2009 Prof. Dr. Sigurd Schrader (subject area "Laser Technologies/ Plasma Technologies/ Photonics") Prof. Dr.-Ing. Herbert Sonntag (subject area "Traffic Logistics") 2009 2009 - 2011 Prof. Dr. Rainer Voß (subject area "Regional Management") 2013 Prof. Dr. Dana Mietzner (subject area "Innovation and Regional Management")

#### **Top Achievements**

- 2013 After a ranking from CHE Centre of University Development Ltd. Guetersloh, the degree programme in Engineering/Mechanical Engineering was placed among the top technical universities nationwide in the category "Research Funds".
- 2012 The Library of the TUAS Wildau was awarded "Library of the Year" for its inventiveness and innovation by The German Libraries Association and The Zeit Foundation Ebelin und Gerd Bucerius.
- 2012 The TUAS Wildau has been ranked number 15 among the 120 colleges and universities in the German-speaking world that offer Logistics as a field of study. The TUAS Wildau was placed 7th in the individual rankings of technical universities.
- 2012 The TUAS Wildau has received re-certification for its quality management system in accordance with DIN ISO 9001 as well as certification for the first time for the DIN ISO 29990 education standard.
- 2012 The computer science courses have received top-notch ranking by CHE Centre of University Development Ltd. Guetersloh, among technical universities nationwide in the categories "Supervision by Teachers" and "Research Funds".
- 2012 The TUAS Wildau has upheld its reputation as a family-friendly university and has received a career & family audit certificate from "berufundfamilie gGmbH" for the second time.
- 2011 Following a ranking by CHE Centre of University Development Ltd. Guetersloh, the Bachelor's courses in Logistics, Industrial Engineering and Economics & Law are now placed in the top group for "Studyability" among the technical universities.
- 2010 According to a nationwide benchmarking test of the German Library Association, the library of TUAS Wildau is among the Top 5 in the category "Development".
- 2010 According to human resources managers of German companies, TUAS Wildau and its Department of Engineering/Industrial Engineering are among the Top 10 universities of applied sciences in preparing their graduates for employment and career.
- 2010 TUAS Wildau is among TOP 5 universities and research institutions in Germany in demand as research partners by innovative SMEs.
- 2009 The TUAS Wildau successfully passes certification procedures (international standards DIN EN ISO 9001:2008 and PAS 1037 for marketoriented educational institutions) for their Quality Management System as the first German university.
- 2009 Following several months of auditing, TUAS Wildau is certified "Family-friendly University".
- 2007 The TUAS Wildau is voted one of the most service-friendly universities of applied sciences in Germany.
- 2007 Within the location initiative "Germany Land of Ideas", established jointly by the Federal Government and the German industry, TUAS Wildau is awarded "Selected Location" in 2007.
- 2007 "Logistics" is voted as one of the best degree courses in industrial engineering at German universities of applied sciences.
- 2006 According to a ranking published by CHE Centre of University Development Ltd. Guetersloh, the degree courses "Biosystems Technologies/Bioinformatics" and "Telematics" are among the top 4 degree courses in informatics at universities and universities of applied sciences in German-speaking countries.
- since 2001 In the category "Raised Research Funding per Professorship" TUAS Wildau takes first place among 191 Universities of Applied Sciences nationwide.

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