

WELCOME TO  
**HAWTECH**  
**UNIVERSITIES**

BUILDING BRIDGES BETWEEN EDUCATION AND INDUSTRY

## STUDY VISIT HAWTECH - TAITECH 2024

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# WELCOME TO HAWTECH UNIVERSITIES

– Aachen – Berlin – Darmstadt – Dresden – Esslingen – Karlsruhe –

## OUR FACULTIES

- 
- | Computer Science and Engineering
  - | Management and Technology
  - | Mechanical and Systems Engineering
  - | Mobility and Technology
  - | Science, Energy and Building Services
  - | Social Work, Education and Nursing Sciences

# OUR UNIVERSITY – FACTS & FIGURES

- | **6,100** students
- | **6** Faculties
- | **5** Central academic institutions
- | **31** Bachelor degree programmes
- | **14** Master degree programmes
- | **67** Laboratories
- | **28** Steinbeis transfer centres
- | **220** Full-time academic staff
- | **460** Support staff
- | **460** Part-time academic staff



Figures have been rounded. Valid as of: February 2024

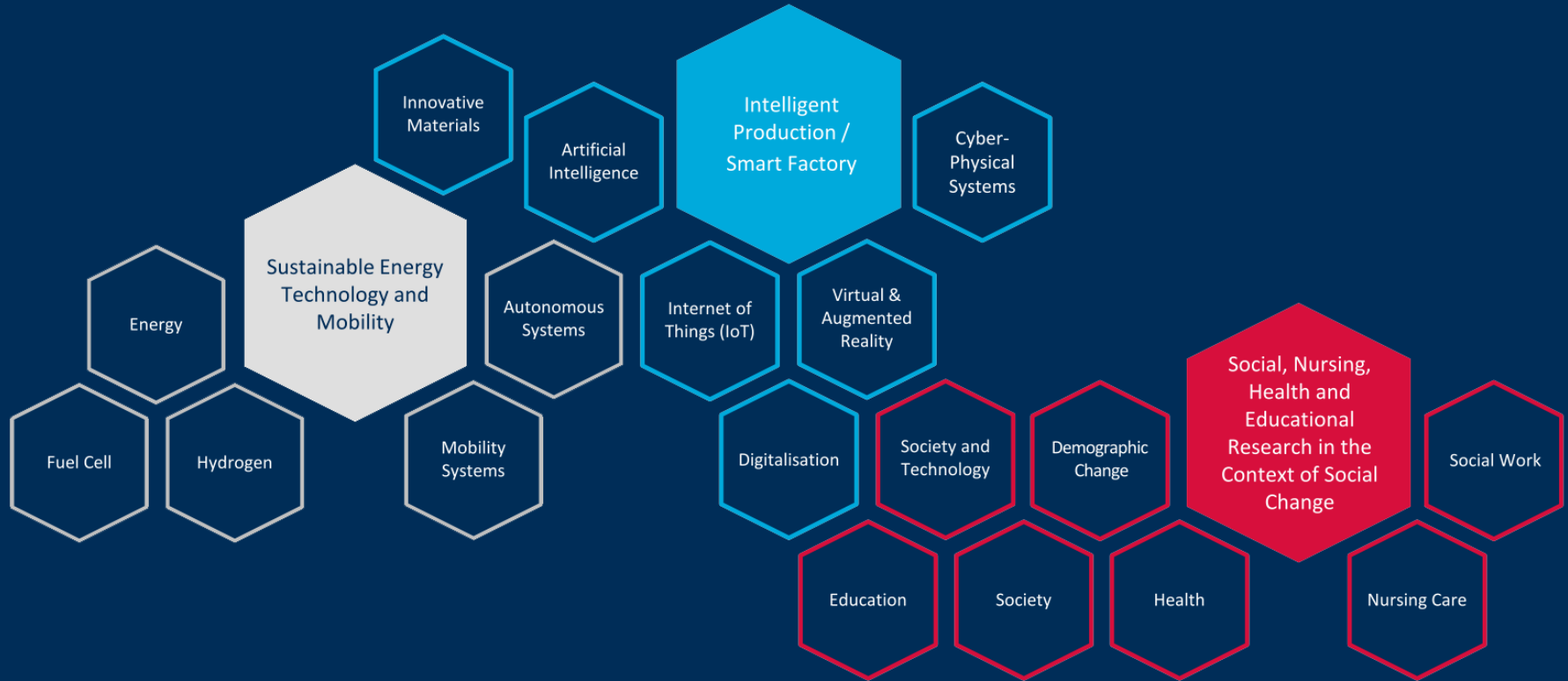


## EXCHANGE PROGRAM ERASMUS/GLOBAL

- | 3 Master Programs taught in Englisch
- | 11 Double Degree Programs
- | Courses taught in English in most faculties
- | [www.hs-esslingen.de/etc](http://www.hs-esslingen.de/etc) ( 50 – 70 ECTS each)
  
- | Excellent facilities / modern workshops and labs
- | Many links to industry and welfare organizations –  
(DAIMLER, BOSCH, AUDI, PORSCHE)
  
- | Orientation week with support in all administrative steps
- | Academic advisor in every Department/ Faculty
- | Intercultural workshops, free of charge
  
- | German History & Culture class
- | International Friends Program
- ... Excursions



# OUR RESEARCH – FUTURE ORIENTED!



# OUR CAMPUS LIFE

- I Successful: Rennstall  
(formula student team)
- I Active: university sport
- I Musical: Pep-Band,  
University Orchestra and Choir
- I Lively: open days, fairs, events
- I Special: Kandelmarsch  
(Graduates' parade)

Esslingen University.

Multifaceted. Unique.



Hochschule Darmstadt (h\_da) ...

is one  
of the **leading Universities of Applied Sciences in  
Germany**

- **15,000+** students
- **70+** degree programmes  
(Bachelor/undergraduate, Master/graduate,  
„Diplom“) and almost all programs **without  
tuition fees**

12 Departments

Bachelor, Master & Diplom programmes

More than 340 professors



## STUDY @ H\_DA

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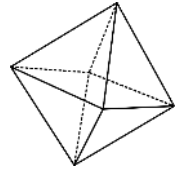


Engineering Sciences

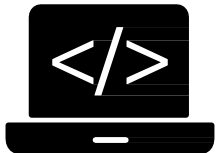
Exchange program (1 – 2 semesters)

Spring term: March/April – July/August

Fall term: September/October – February



Mathematics and  
Natural Sciences



Information and Computer Sciences

Business and Society



# h\_da Short-Term Programs

## International Summer University (ISU)

1. **Sustainable & Climate-Friendly Societies: Energy Policy – Management - Engineering**
2. **Sustainable Supply Chains**

June/July 2025

Nomination deadline: April 01

**BERLIN**

## Winter University Program (WUP)

1. **International Marketing & Sales**
2. **Digital Transformation and Intercultural Communication: The transformative power of digital communication in and on culture**

Jan 02-23, 2025

Nomination deadline: October 15

**MUNICH**

- Academic seminars, German language courses, cultural activities, company visits
- ISU: 12 ECTS in total (9+3)
- WUP: 9 ECTS in total (6+3)
- Program fee waiver for students from partner universities



## ENGLISH TAUGHT CLASSES@H\_DA

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in these academic fields:

- Animation & Motion Pictures
- Business Administration and Economics (h\_da Business School)
- Business Psychology
- Computer Science, Computer Engineering, Data Analytics
- Engineering (Electrical, Mechanicals, Plastics)
- Information Science
- Information Technology
- Applied Social Sciences
- Social and Cultural Sciences
- Social Work

# WELCOME @H\_DA

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finding classes



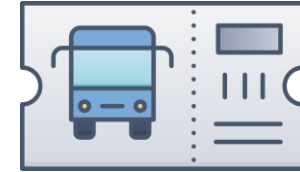
finding  
accommodation



applying for a  
visa



health insurance



travel pass  
(Semesterticket)



Preparing for  
Darmstadt/Germany



German courses



Social & cultural  
activities

## H\_DA STUDENT'S CENTRED APPROACH

### Electric Motorcycle



### Animation & Game project

20.09.2024

International Office - Darmstadt University 9/2024



### Electric Formula Racing Car





Privatparkplatz!  
FH Aachen  
Hier gilt  
die StVO

FH Aachen  
University of Applied Sciences

Nathalie Kazma  
Head Dept. International Affairs

FH AACHEN  
UNIVERSITY OF APPLIED SCIENCES

Bayernallee 9  
Fachbereich 01  
Architektur  
Fachbereich 02  
Bauingenieurwesen  
Hochschulbibliothek  
Mensa Bayernallee  
Bayernallee 11

FH AACHEN  
UNIVERSITY OF APPLIED SCIENCES



Aachen is located in the western part of Germany and is the most western city

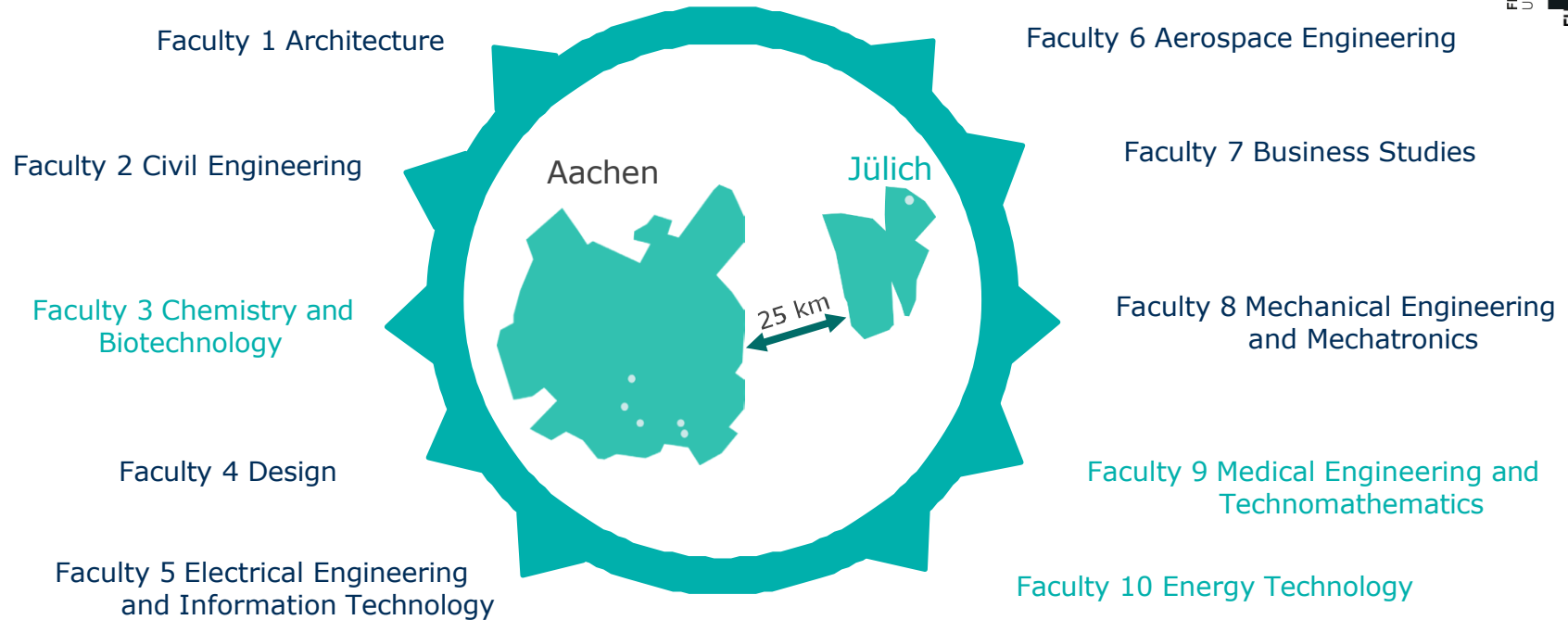
Explore it with your semester ticket!

- > Aachen is a university town
- > Every fifth inhabitant in Aachen is a student



# FH AACHEN

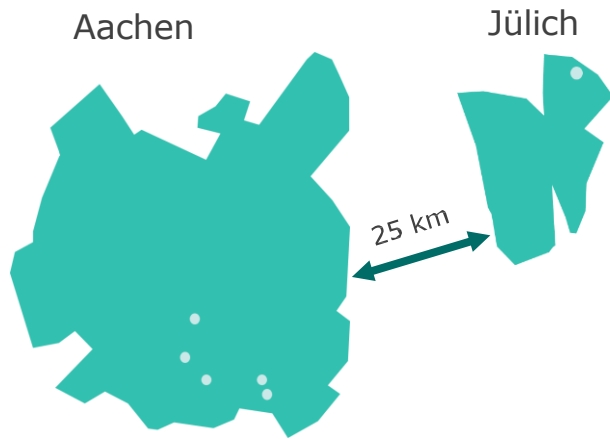
## TEN FACULTIES - TWO LOCATIONS





# FH Aachen

## Ten Faculties - Two Locations





# RESEARCH INSTITUTES AT FH AACHEN – IN AACHEN AND AT CAMPUS JÜLICH



SIJ | Solar-Institute  
Jülich



Institute NOWUM-  
Energy



INB | Institute  
for Nano- und  
Biotechnology



IAP | Institute  
for applied Polymer  
Chemistry



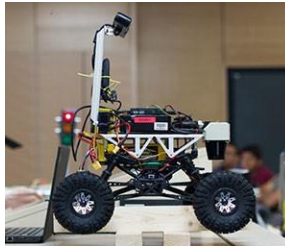
IfB | Institute for  
Bioengineering



IMP | Institute for  
Microwave and  
Plasma Technology



IBB | Institute  
for Building Materials  
and Construction



MASKOR | Institute  
for Mobile Autonomous  
Systems und Cognitive  
Robotics



ECSM | European  
Center for  
Sustainable Mobility

## An-Institute:

- > Industriaerodynamics (I.F.I.)
- > 3win-IfiM
- > IwF (Institute for toolless production)
- > i3ac Institutes Aachen (with RWTH und FZJ)
- > ITP (Institute for thermal process technology)

## New institutes:

- > IDA (Institute for Digitization Aachen)
- > IaAM (Institute for applied Automation and Mechatronics)

# FH AACHEN SUMMER SCHOOLS



ROS Summer School



Industry 4.0 Summer School



3D Printing Summer School



Renewable Energy Summer School



- For our Incoming students from our partner universities
- Free of charge
- Two different Levels
- 5 ECTS points for each language course





# FH AACHEN

## STUDENT ORGANIZATIONS

Presenter-Notizen  
2024-08-26 09:22:11

Hinweis, dass ich in einem Verteiler bin und Angebote von INCAS bekomme, werde die Angebote weiterleiten

- Organize regular events, most of them free of charge
- Get in touch with international students and students from FH Aachen
- Organize regular events for international students
- Regular invitations forwarded by mail



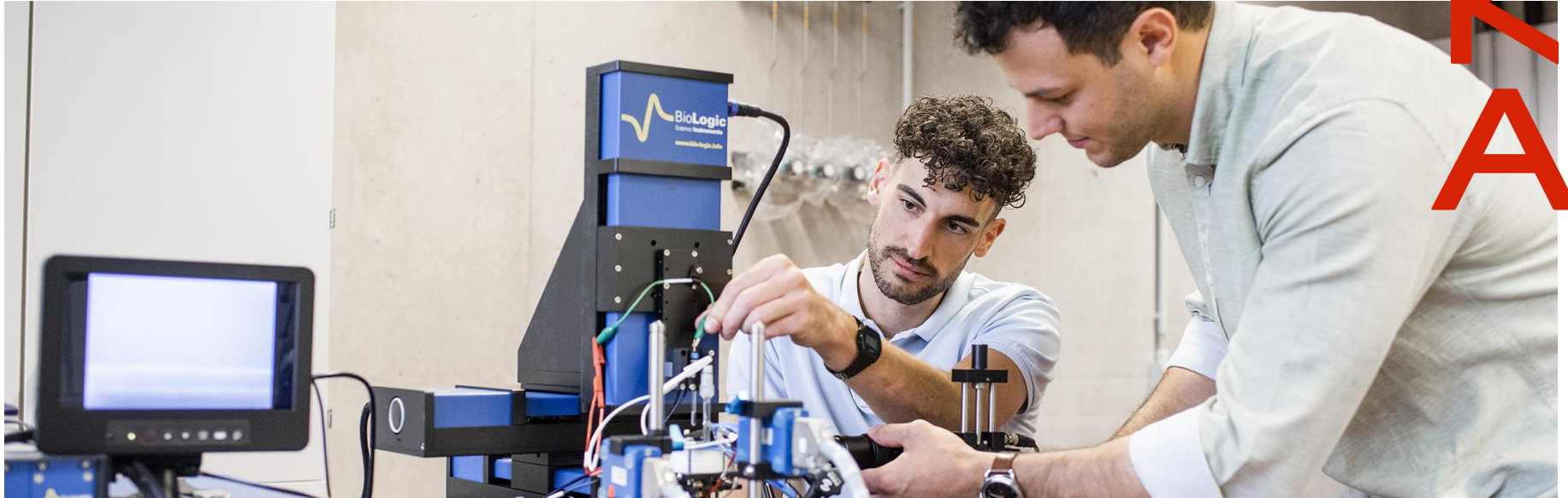
# THANK YOU SO MUCH FOR YOUR ATTENTION

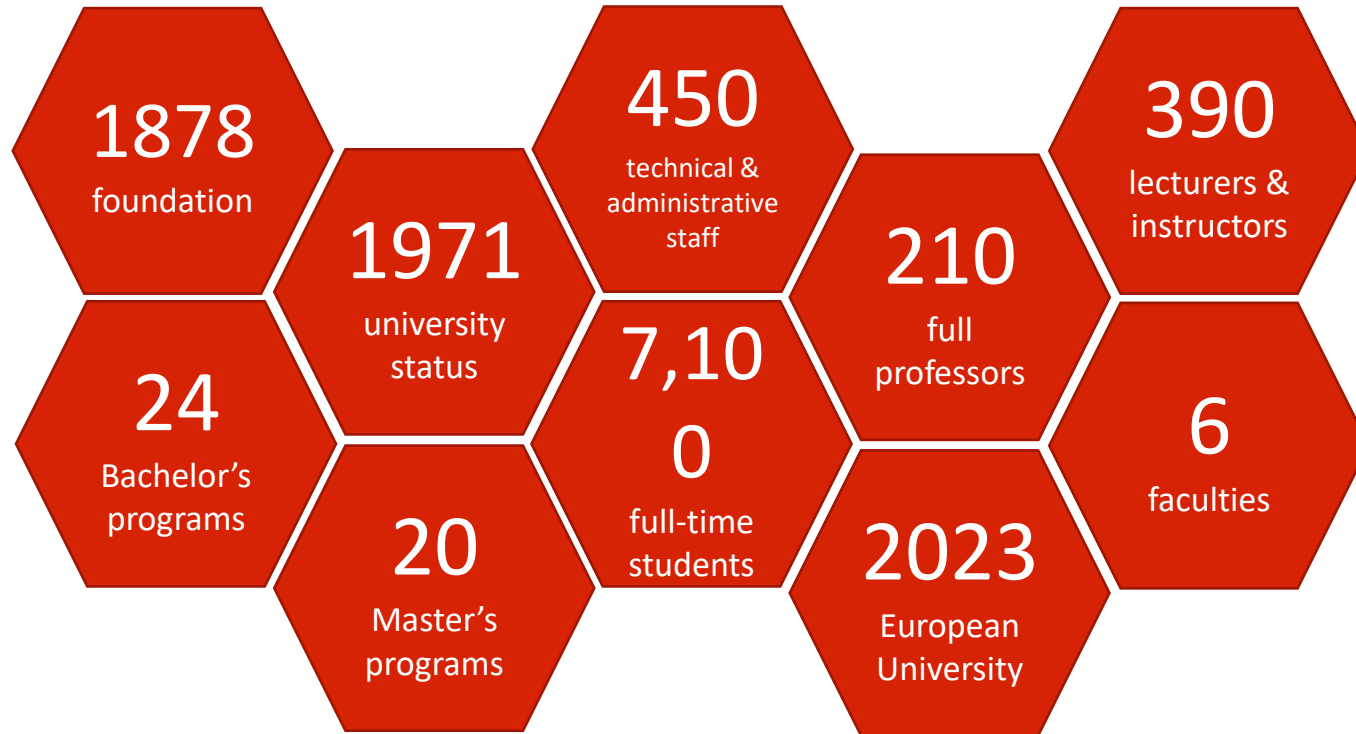
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Bayernallee 11  
52066 Aachen  
T +49. 241. 6009 51018  
kazma@fh-aachen.de  
www.fh-aachen.de





# Karlsruhe University of Applied Sciences







# Main Research Areas



Intelligent Systems



Work & Production



Innovative Mobility Concepts



Resources & Climate

Photo: T. Schwerdt (above), S. Zeitvogel (below)

Photo: A. Reeg (above), T. Schwerdt (below)

# An international university



- + Approx. 200 partner universities worldwide
- + International degree-seeking students: approx. 14%
- + International study option “Bachelor International”
- + Member of INGENIUM, a EU-funded “European University”
- + Numerous international double-degree programs
- + COIL programs with international partners  
[www.h-ka.de/coil](http://www.h-ka.de/coil)
- + English-taught Bachelor’s program:  
Electrical Engineering and Information Technology
- + English-taught Master’s Programs:  
Sensor Systems Technology, Geomatics,  
Tricontinental Master in Global Studies
- + HKA International Program in English
- + Foreign Language Institute:  
English, French, Spanish, German as a Foreign  
Language and many more



**INGENIUM**  
European University





# Options for incoming exchange students



- + Study semester in German (30 ECTS max.)
- + Study semester in English  
(HKA International Program, 30 ECTS max.)
- + Paid internship in industry  
(95 working days min., 30 ECTS)
- + Industrial projects on campus
- + Two-week preparatory German language course
- + German language courses during the semester
- + Academic year:
  - winter semester: September to February
  - summer semester: March to August
- + Application deadlines: May 15<sup>th</sup>, November 15<sup>th</sup>
- + Living expenses: approx. 800 €/month



Photo: Tobias Schwerdt



Hochschule für Technik und  
Wirtschaft Dresden  
University of Applied Sciences

# Welcome at HTWD – University of Applied Sciences

Prof. Ralf-Dieter Rogler  
Prof. Matthias Franke  
Faculty of Electrical Engineering



# Facts and Figures

**163**

Professors

**40+**

Degree programmes

**4800**

Students

**2**

Campuses: Dresden-  
City und Pillnitz



HTW Dresden

**10**

Percent international  
students

**18**

Mio. Euro  
third-party funding  
income in 2022

**1992**

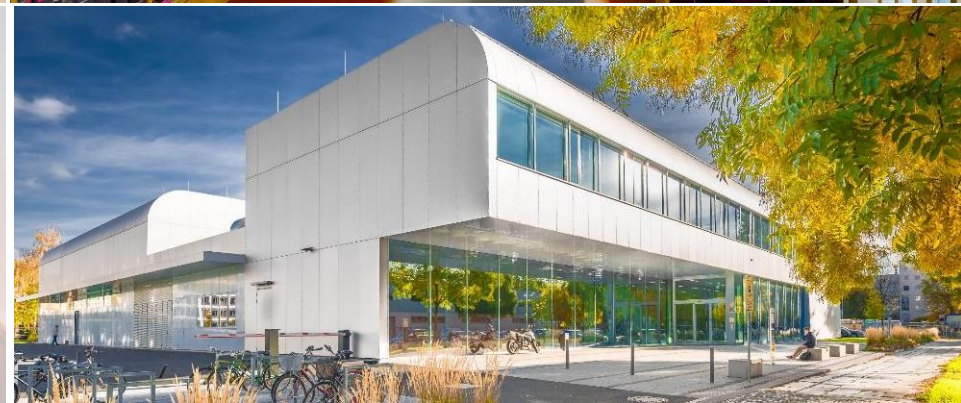
Founded

**150+**

International  
university partners



# Campus Impressions



# More than 40 Study Programmes in 8 Faculties

- Civil Engineering
- Electrical Engineering
- Agriculture/Environment/Chemistry
- Informatics/Mathematics
- Spatial Information
- Mechanical Engineering
- Business Administration
- Design





# Services for international Students [international@htw-dresden.de](mailto:international@htw-dresden.de)



- Buddy programme and welcome week
- Cultural events during the semester
- faranto e.V.



# Student Life





# Dresden and Surroundings



## INTERNATIONAL OFFICES HAWTECH / TAITECH

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### Potential of our future Cooperation - Brainstorming with our Partners

- Intensify and better balanced Student Exchange ( all of us)
- Double Degrees (HKA, Aachen, ...)
- COIL-Programme (HKA, h\_da ...)

& more to be discussed...

*Building Bridges between Education and Industry*