

Campus Cham

STUDY AND RESEARCH

卡姆校区—学习与研究

Campus Cham is the newest teaching campus of Deggendorf Institute of Technology.

With futuristic degree programs in mechatronics, artificial intelligence, robotics, and digital manufacturing, students are prepared for leading roles in their professional careers.

Both industry and everyday life are currently undergoing fundamental change, driven by the growing use of new technologies. Students are not only introduced to these fields in theory, but also gain hands-on technical experience through innovative and experimental project work in state-of-the-art teaching laboratories.

Research and development also play a central role at the Cham campus, particularly in the two key areas of Intelligent Production and Robotics. The technological innovations developed there, together with strong research expertise and innovative teaching, make Campus Cham a strong partner—both in the Cham region and beyond.

卡姆校区是代根多夫应用技术大学 (DIT) 最新建立的教学校区。

凭借前瞻性的机电一体化、人工智能、机器人技术和数字化制造专业课程，学生们将为在职业生涯中担任领导角色做好充分准备。

在新技术日益普及的驱动之下，工业和日常生活正经历着根本性的变革。学生不仅学习这些领域的理论知识，还通过在先进的教学实验室开展创新性和实验性项目，获得实践技术经验。

在卡姆校区，研究与开发也占据着核心地位，尤其是在智能生产和机器人技术这两个关键领域。在那里开发的技术创新，结合深厚的专业知识研究和创新的教学方式，使卡姆校区成为一个强大的合作伙伴——无论是在卡姆地区还是在更广泛的区域。





Mechatronics and Project Management for Digital Production

数字生產背景下的机电一体化与管理 (学士)

Degree

- Bachelor of Engineering (B.Eng.)

Duration

- 7 semesters (3.5 years)

Admission Requirements

- General German university entrance qualification

Location & Language of Instruction

- Cham; language of instruction: German

学位

- 工程学士 (B.Eng.)

学制

- 7 个学期 (3.5 年)

入学要求

- 普通高等教育入学资格 (德国)

教学地点及语言

- 卡姆; 德语

Master Mechatronics and Cyber-Physical Systems

机电一体化与信息物理系统 (碩士)

Degree

- Master of Engineering (M.Eng.)

Duration

- 3 semesters (1.5 years)

Admission Requirements

- Bachelor's degree in the fields of Industrial Engineering, Technical Physics, Mechanical Engineering, Electrical Engineering, Mechatronics or a related degree programme or by a qualification that is equivalent to such a university degree.
- Additionally, the professional qualification for this study programme might need to be demonstrated in the context of an aptitude assessment test.

Location & Language of Instruction

- Cham; language of instruction: English

学位

- 工程硕士 (M.Eng.)

標準學習年限

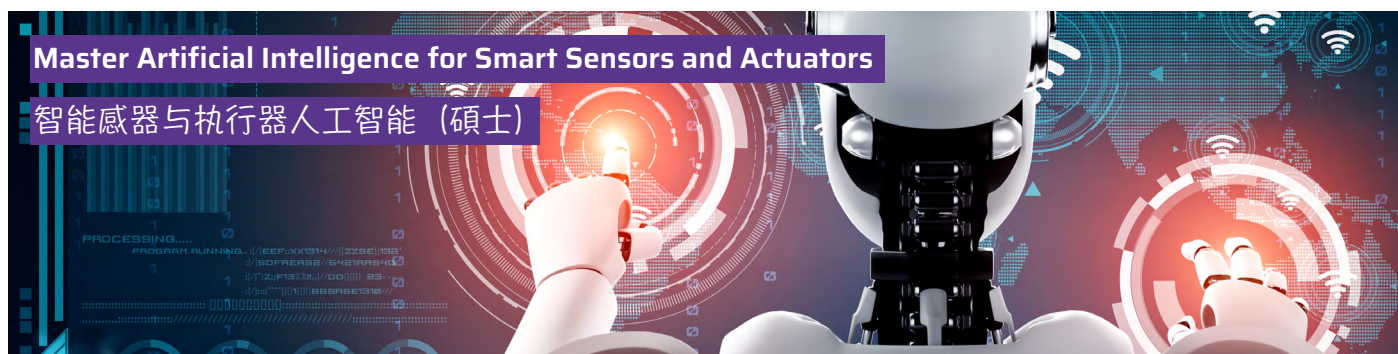
- 3 个学期 (1.5 年)

入学要求

- 工业工程、技术物理、机械工程、电气工程、机电一体化或相关领域的学士学位，或同等学历。
- 此外，申请人可能需要通过能力评估程序，证明其适合修读该课程。

教学地点及语言

- 卡姆; 英语



Master Artificial Intelligence for Smart Sensors and Actuators

智能传感器与执行器人工智能 (碩士)

Degree

- Master of Engineering (M.Eng.)

Duration

- 3 semesters (1.5 years)

Admission Requirements

- Bachelor's degree in the fields of Mechatronics or a related degree programme or by a qualification that is equivalent to such a university degree.
- Additionally, the professional qualification for this study programme might need to be demonstrated in the context of an aptitude assessment test.

Location & Language of Instruction

- Cham; language of instruction: English

学位

- 工程硕士 (M.Eng.)

学制

- 3 个学期 (1.5 年)

入学要求

- 机电一体化或相关领域的学士学位，或同等学历。
- 此外，申请人可能需要通过能力评估程序，证明其适合修读该课程。

教学地点及语言

- 卡姆；英语



Master Applied AI for Digital Production Management

数字生产管理用人工智能 (碩士)

Degree

- Master of Engineering (M.Eng.)

Duration

- 3 semesters (1.5 years)

Admission Requirements

- Bachelor's degree in the fields of Industrial Engineering, Production Technology, Mechatronics or a related degree programme or by a qualification that is equivalent to such a university degree.
- Additionally, the professional qualification for this study programme might need to be demonstrated in the context of an aptitude assessment test.

Location & Language of Instruction

- Cham; language of instruction: English

学位

- 工程硕士 (M.Eng.)

学制

- 3 个学期 (1.5 年)

入学要求

- 工业工程、生产技术、机电一体化或相关领域的学士学位，或同等学历。
- 此外，申请人可能需要通过能力评估程序，证明其适合修读该课程。

教学地点及语言

- 卡姆；英语



Master Robotics

机器人技术 (碩士)

Degree

- Master of Engineering (M.Eng.)

Duration

- 3 semesters (1.5 years)

Admission Requirements

- Bachelor's degree in the fields of Mechatronics, Robotics or a related degree programme or by a qualification that is equivalent to such a university degree.
- Additionally, the professional qualification for this study programme might need to be demonstrated in the context of an aptitude assessment test.

Location & Language of Instruction

- Cham; language of instruction: English

Specialisation tracks 专业方向

In the second semester, you can choose one of two specialisations. This allows you to tailor your studies to your individual interests and specialise for your future career. 在第二学期，学生可以在两个专业方向中选择其二。选择方向后，学生便可根据自己的兴趣定制学习计划，并结合未来职业规划，专攻专业方向。



INTELLIGENT ROBOTICS 智能机器人

Robots for industry and autonomous systems
工业机器人与自主系统

- | | |
|-----------------------------------|------------|
| • Autonomous navigation | 自主导航 |
| • Perception and sensor fusion | 感知与传感器融合 |
| • Machine learning for robotics | 机器人学中的机器学习 |
| • Motion planning and control | 运动规划与控制 |
| • Simulation and digital twins | 仿真和数字孪生 |
| • Industrial and service robotics | 工业与服务机器人学 |

ASSISTIVE ROBOTICS 辅助机器人

Robots for humans and healthcare
服务于人类与医疗保健领域的机器人

- | | |
|--|---------------|
| • Human-robot interaction (HRI) | 人机交互 (HRI) |
| • Biomechanics and motion analysis | 生物力学与运动分析 |
| • Wearable and rehabilitation robotics | 可穿戴与康复机器人学 |
| • Compliant and safe interaction | 合规且安全的互动 |
| • Soft robotics for assistive systems | 用于辅助系统的软体机器人学 |
| • Medical and assistive robotics | 医疗与辅助机器人学 |

INTELLIGENT VS. ASSISTIVE ROBOTICS

智能机器人 VS. 辅助机器人

面向工业领域	industry-oriented	human-oriented	以人为本
自主驱动系统	autonomy-driven systems	human-in-the-loop systems	“人类参与其中”(HITL) 系统
AI、感知、规划	AI, perception, planning	biomechanics, HRI, safety	生物力学、HRI、安全

find out more



LIFE ON CAMPUS CHAM

The individual support on campus is unique. Students experience close supervision in small study groups.



Campus Cham offers a unique atmosphere. Located directly on the banks of the river Regen in southeast Germany, students can complete their studies, relax and socialise in a scenic riverside environment with only 10 minutes' walk to the town centre. Cham is a lively country town with moderate living costs, hosting many leisure and cultural events. It is located in the stunning Bavarian Forest, which together with the Bohemian Forest, forms the largest contiguous forest mountain range in Central Europe.



Close to Munich & Nuremberg Airports – just 2 hours away (170 km)



Study in the scenic Bavarian Forest mountains



Riverside leisure pool – steps from campus (free of charge for students of Campus Cham (DIT) with their student ID)



Indoor swimming pool (free of charge for students of Campus Cham (DIT) with their student ID)



“Quadfeldmühle” sports & leisure park – volleyball, gym, football, skate park & more

卡姆校区生活

校区为学生提供卓越的个性化支持。学生们在小组学习环境中获得细致指导，营造出高度支持性的学习环境。卡姆校区拥有独具特色的氛围。校区坐落于德国东南部雷根河畔，为潜心学习、休闲放松和社交活动提供了理想场所。校区交通便利，步行 10 分钟即达市中心，尽享风景优美的河畔环境。



卡姆是一座充满活力、生活成本适中的城镇，提供丰富多彩的休闲娱乐和文化活动。风景秀丽的巴伐利亚森林环绕卡姆，该森林与波希米亚森林一同构成了中欧最大的连片森林山脉。



靠近慕尼黑和纽伦堡机场——仅 2 小时车程（170 公里）

在清幽秀美的巴伐利亚森林山区中专心学习

河畔休闲泳池——距离校园仅几步之遥（卡姆校区（DIT）的学生凭有效学生证可免费使用）

室内游泳池（卡姆校区（DIT）的学生凭有效学生证可免费使用）

Quadfeldmühle 体育休闲公园——排球场、健身房、足球场、滑板公园等



CAMPUS FACILITIES & SERVICES

Around 1,000 students from more than 40 countries currently study at Campus Cham. They have access to all the facilities of Deggendorf Institute of Technology—many of them also available directly onsite in Cham.

- Central Student Advisory Service
- Career Service
- International Office
- AWP Study Center and Language Center
- and much more

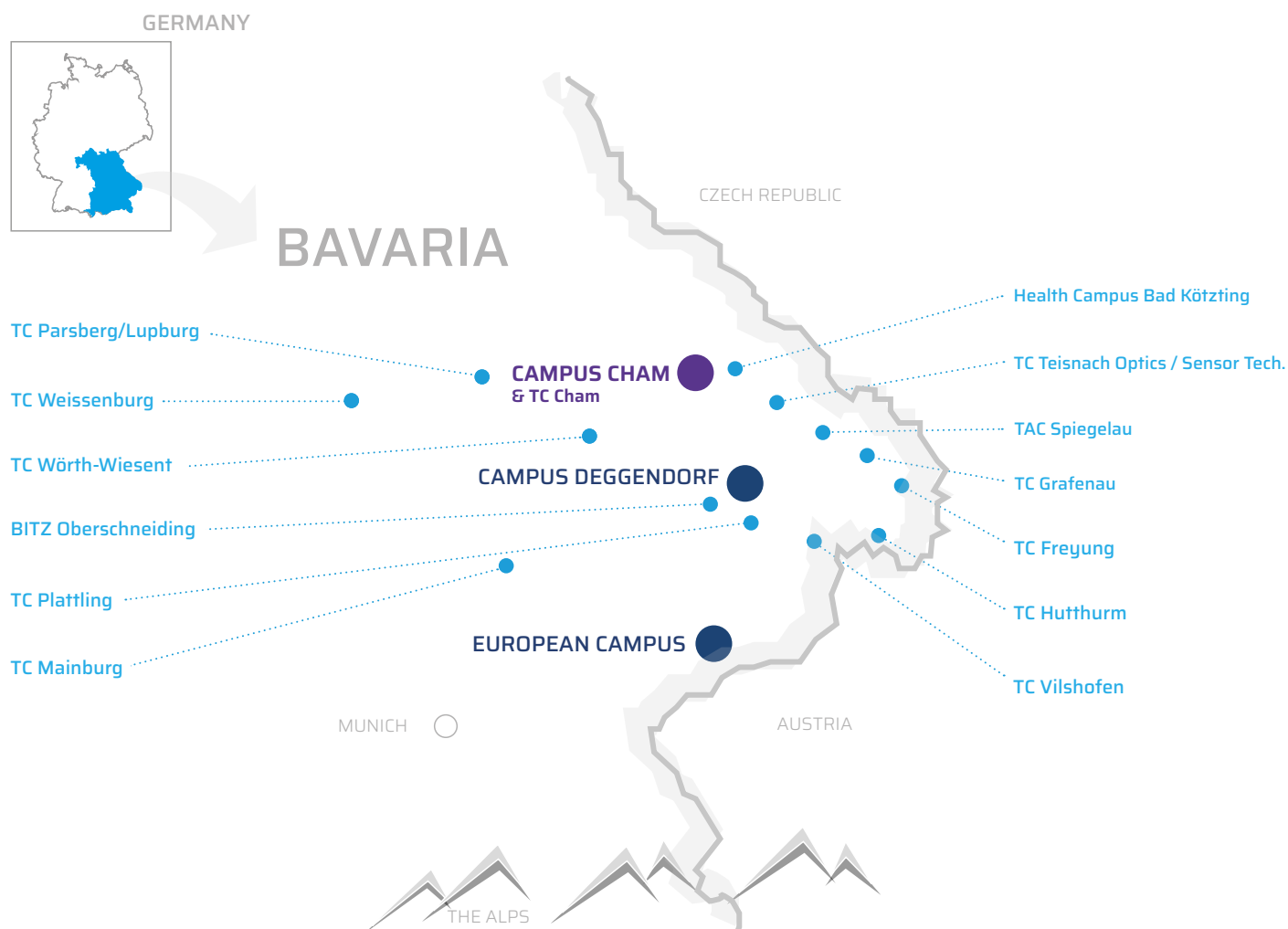
For inquiries and further information, please contact:
studium-cham@th-deg.de oder 0991 3615-9429.

校园设施与服务

目前，来自 40 多个国家/地区的约 1000 名学生在卡姆校区学习。他们可使用代根多夫应用技术大学 (DIT) 的各项设施与服务，其中许多设施和服务也直接设于卡姆校区内。

- 中央学生咨询服务中心
- 职业服务中心
- 国际办公室
- AWP 学习中心与语言中心
- 等等。

如有任何疑问或需了解更多信息，请联系
studium-cham@th-deg.de 或 0991 3615-9429。





My name is **Van Thuy Cuc Dang**. My background is in Industrial Engineering, and after several years working as an automation engineer in a global manufacturing company, I discovered my passion for production optimizing through automation and applied artificial intelligence (AI). When I learned about the master's program "Applied AI for Digital Production Management", THD-Campus Cham, Germany offering comprehensive knowledge, I knew it was the perfect next step for me. Studying at Campus Cham has been an inspiring journey, allowing me to bridge engineering and AI while collaborating with international peers on real industrial projects.

我是 **Van Thuy Cuc Dang**。我拥有工业工程背景，在一家全球制造公司担任了多年的自动化工程师后，我发现自己对运用自动化和用人工智能 (AI) 优化生产充满热情。之后，我了解到代根多夫应用技术大学 (DIT) 卡姆校区设了“数字生产管理用人工智能”士课程，课程全面且注重实践，我知道，这正是我理想中的深造方向。在卡姆校区的学习可以是一段充满启发的旅程。我能够将工程学与人工智能相结合，同时与来自世界各地的同学共同参与真实的工业项目。



Van Thuy Cuc Dang

Master's student in Applied AI
for Digital Production Management
数字生产管理用人工智能士研究生

NOW APPLY!

立即申請



www.th-deg.de/en/apply



PROF. DIPL.-PHYS. JÜRGEN WITTMANN
教授及物理博士 JÜRGEN WITTMANN

Director | 院長



PROF. DIPL.-ING. TIM WEBER
教授及工程博士 TIM WEBER

Deputy Director | 副院長