

University of Applied Sciences Upper Austria



15 main areas of research

Campus Hagenberg

- Software Technology and Applications
- Information and Communication Systems
- Media and Knowledge Technologies
- Quality of Life for the Elderly

Campus Steyr

- Logistics Management and Corporate Network – LOGISTIKUM
- Production and Operations Management
- Digital Business
- Fields of competence in Management

Campus Linz

- Applied Social Sciences and Non Profit Management
- Medical Technology
- Quality of Life for the Elderly

Campus Wels

- Automated Control Engineering and Simulation
- Bioenergy and Food Technology
- Energy and the Environment
- Innovation and Technology Management
- Materials and Production Engineering
- Measuring and Testing Technology

FH OÖ

Hagenberg, Linz, Steyr, Wels
AUSTRIA

4 Campuses:

School of Informatics,
Communication and Media

School of Applied Health and Social
Sciences

School of Management

School of Engineering and
Environmental Sciences



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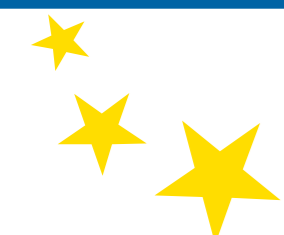
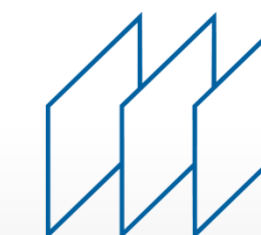
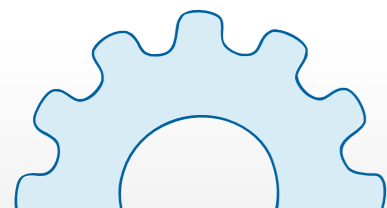
www.fh-ooe.com

Partner (selection)



Technische Universität München





Management of Resources, Risks and Efficiency

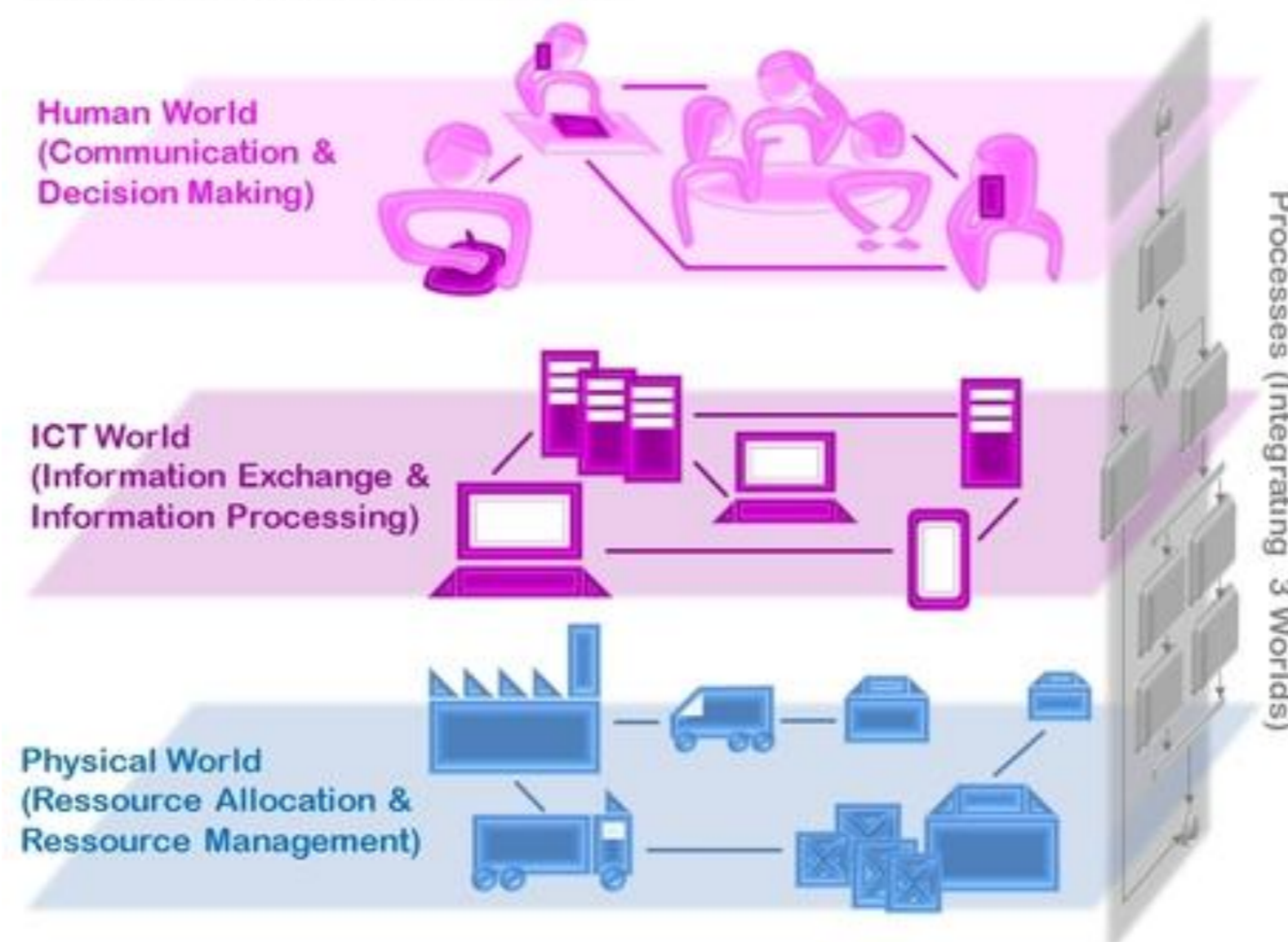
Our Expertise:

- Management:
 - Resource Management
 - Risk Management
 - Efficiency Management
- Information Management
 - IT Management
 - Service Management
 - Software Engineering
- Logistics:
 - Transport Logistics
 - Supply Chain Management
 - Process Design

Experience (Selected Projects):

- System Thinking
- Dynamic Truck Meeting
- Multimodal Networks
- Chaotic Effects in Long Process Chains
- IT in Healthcare
- IT Operating Models
- Service Value Networks
- Outsourcing

Information – Processes – Resources



We are looking for:

- European Academic Research Partners (Domains: Risk Management, Resource Management, Information Management, Healthcare Management)
- European Business Partners (who want to initiate and/or participate in projects of applied research)
- Efficient Public Research Funding Options

HNU University of Applied Sciences
Neu-Ulm

Neu-Ulm/Bavaria

Research Area:

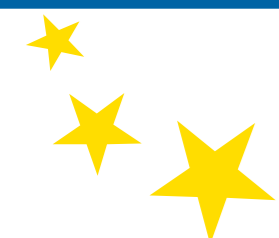
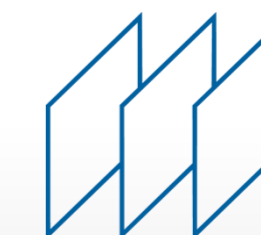
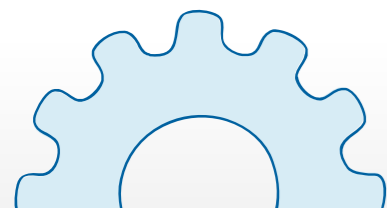
„Information-Processes-Resources“

- Resource Risk Management
- Resource Efficiency
- Logistics
- Information Management
- Health Care

HNU HOCHSCHULE
NEU-ULM
UNIVERSITY

Contact Details

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<https://www.hs-neu-ulm.de/en/research/research-domain-information-processes-resources/>



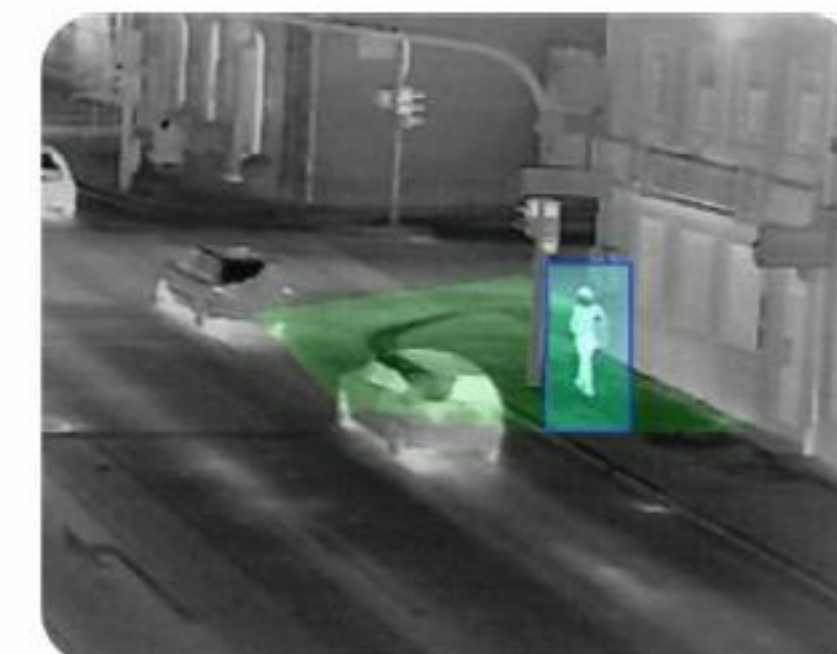
Research Areas at AUAS

- Research activities are concentrated in the **Aschaffenburg Center for Scientific Services (ZeWiS)**. **Research areas:**
 - Automotive, Knowledge Transfer, Energy Efficiency, Intelligent Systems / Automation, Materials
 - Contact / info: <http://www.h-ab.de/eng/research/zewis/research-areas/>
 - Activity report: Download from http://www.h-ab.de/fileadmin/dokumente/zewis/Taetigkeitsbericht_ZeWiS_HS_Aschaffenburg_2013_web.pdf (in German)
 - **In all research areas substantial interest in European consortia!** Examples below.
- **Intelligent Systems / Automation**
 - *Driver assistance and safety systems:* Partners: Universities, car manufacturers and suppliers. Support: Federal Ministry of Economics, Federal Ministry of Research. Presently research on automated safety systems protecting pedestrians (project AFUSS)
 - *Signal processing algorithms:* FP7-FET project UNLocX. Duration 2010-2013. More info: <http://unlocx.math.uni-bremen.de/>
 - *Robotics and Automation:* Project Forterob. Duration 2011-2014. More info: <https://www.h-ab.de/ueber-die-hochschule/organisation/labor/regelungstechnik/forschung-u-entwicklung/forterob/> (in German)
- **Materials**
 - Nondestructive testing based on *XCT-technology*
 - *Biomaterials*
 - Applied *laser technology* and photonics
 - *Design for recycling* / efficient use of resources (cooperation with Fraunhofer-Gesellschaft)
- **Research Management**
 - *Horizon-2020-activities of AUAS will be supported by the Federal Ministry of Research (2015-2017)*

Aschaffenburg University of Applied Sciences (AUAS)

**Würzburger Str. 45,
63743 Aschaffenburg**

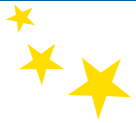
General (in particular ICT/NMP)



hochschule aschaffenburg
university of applied sciences

Contact Details

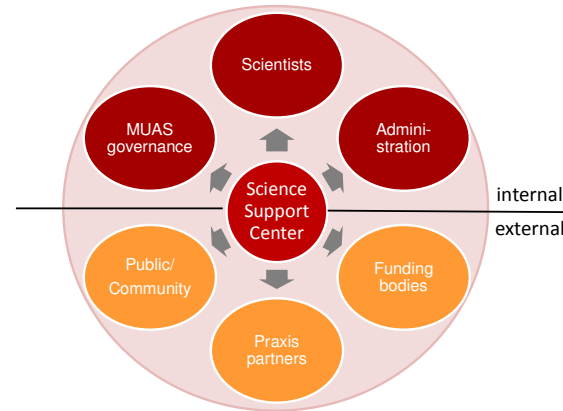
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Fit4EU – Research support at Munich University of Applied Sciences

Science Support Center

- represents research interests towards all directions inside and outside the university
- provides advice and support throughout all project phases
- offers a range of measures and instruments in order to achieve the balance between research and teaching (e.g. internal funding programmes)
- **NEW!!** Internal project *Fit4EU* ⇒ improved support structures for initiation of EU projects



Current EU projects

Funding scheme	Acronym - Title	Description
FP 7 – Collaborative project	FASUDIR – Friendly and affordable sustainable urban districts retrofitting	Development of an Integrated Decision Support Tool (IDST), which can be used for the design of object- and application-specific indicator systems
FP 7 – Collaborative project	SOLARDESIGN - On-the-fly alterable thin-film solar modules for design driven applications	Production of customized photovoltaic thin-film modules by application of a novel on-the-fly manufacturing process
FP 7 – Coordination and support action	SSL-Erate - Accelerate solid-state lighting (SSL) Innovation for Europe	Accelerate the uptake of high-quality SSL technology in Europe by means of open innovation with and by bringing validated information to all relevant stakeholders
CIP - Entrepreneurship Education	CONEEECT - Educating Entrepreneurship Educators	International network of universities that offers interactive training courses for academic entrepreneurship teachers to improve the Entrepreneurship Education across Europe
H2020 Industrial Leadership – Innovation Action	EU-XCeL - Accelerating Entrepreneurial Learning across European Regions	Development of a network of ICT entrepreneurship creative physical and virtual spaces and coordination of European wide entrepreneurial action training events; cross-fertilisation by student and staff exchange.
LLP LEONARDO	EAGLE - ECVET and ECTS - Growing Links in European Education	Development of concepts to combine ECVET and ECTS and enhance their compatibility based on the learning outcomes approach. (see Poster of Prof. C. Ueffing)
EU ERASMUS+ - Strategic Partnerships	DECAMP - Open Distributed European virtual Campus on ICT Security	Education of ICT experts, development and implementation of an Open Technology Online Campus

Munich University of Applied Sciences (MUAS)

- 17.800 students, 500 professors, 800 lecturers, 660 staff
- More than 70 Bachelor's and Master's degree programs
- 14 departments
- ~ 240 partner universities worldwide
- Key research priorities
 - Automotive
 - Energy efficiency
 - ICT
 - Production and material
 - Socio-economic innovations



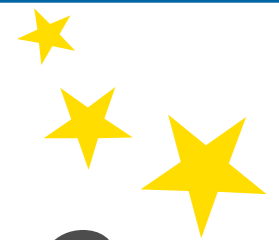
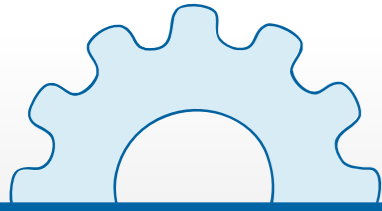
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Co creation with Saxion UAS: Living Technology

Living technology application areas:

Research and teaching focus on interaction between technology and society. New business development is supported. Good governance and ethical considerations are leading principles .

- Living Technology for Business & Industries
- Living Technology for Health & Wellbeing
- Living Technology for Areas & Living



Co-creation with social partners

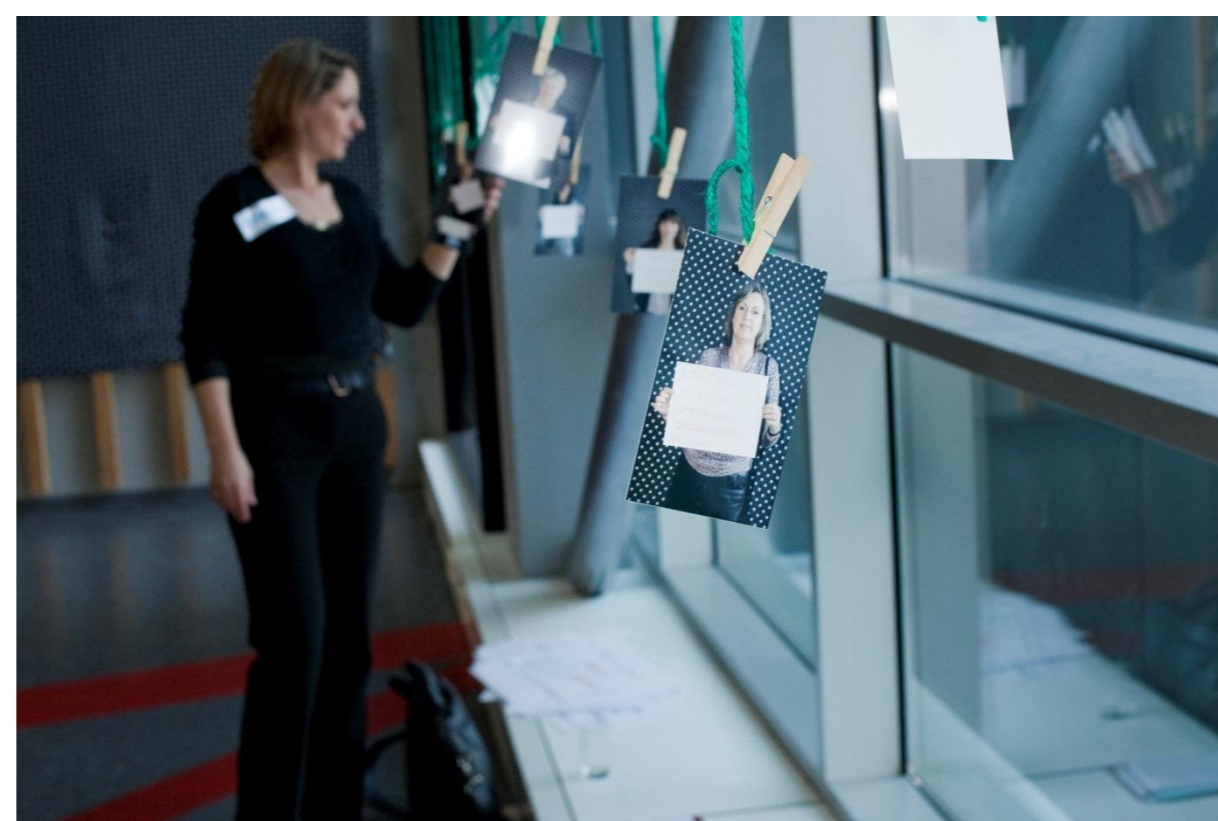
Saxion is one of the major Dutch Universities of Applied Sciences. Partnerships and networks are the foundation to co- create. Social and technical innovation to meet the challenges.

Regional SME and professional networks, and international partnerships, ensures a strong international position that generates (international) consortia and innovation endeavours.



European partnering opportunities

Saxion has extensive access to SME and social user cases for research TRL 5-8. Saxion is open for collaboration with European Research Institutes



Saxion University of Applied Sciences;
Enschede/Deventer, The Netherlands

11 Schools, 35 research groups & two Centres of Expertise.

Associate Degree, Bachelors & Masters in over 50 different fields:

- Life science, engineering & technology
- Health, education, & humanities
- ICT & media
- Economics, management & business

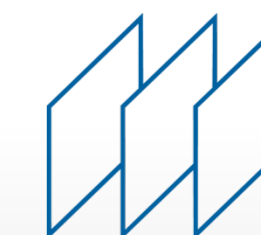
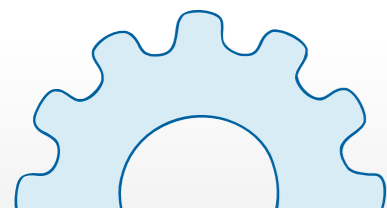
Research Areas:

- Information and Communication Technologies (ICT)
- Nanotechnologies, Materials and Production Technologies (NMP)
- Health Research
- Socio-economic Sciences, Humanities and Security (SSH/SEC)

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Featured research areas

High Tech Systems & Materials

- Advanced robotics: human aware robust robots interacting effectively
- Smart Product development with Additive Manufacturing
- Thin films & functional materials, inkjet printing, microfluidics, lab on a chip
- Microbiology, molecular testing health and technology
- Automotive technology: smart mobility, future power train, automotive manufacturing
- Business Entrepreneurship

Health care

- Human touch in High tech - Technology acceptance and implementation - eHealth
- High-touch in Orthopaedics & Moving with technology: from lab to practice
- Communication Assessment & Technology
- Living Labs: Future nursing homes for residents with dementia or physical limitations

ICT

- Big Data: focus on Quantified Self in Health, Learning Analytics, Business Intelligence
- Virtual reality: human and technological aspects
- Software Quality & Testing
- Cyber Physical Systems (in smart manufacturing)
- Open Educational Resources / Open & Online Education

Fontys University of Applied Sciences

Eindhoven, The Netherlands

Appr. 42.000 students

Appr. 4.200 staff members

Bachelor & Master Programmes in

- Education
- Economics
- Humanities
- Healthcare
- Technology

www.fontys.edu / www.fontys.nl



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