



Hochschule Reutlingen
Reutlingen University
my campus

Hochschule Reutlingen - Reutlingen University



Reutlingen University

Faculty of Informatics



Where we are – in the south west



Reutlingen
 Böblingen

Region: large research center - headquarters



Who we are – an international campus



Die internationale
Hochschule



- **5500 (in 2023) students, including 1000 from more than 80 nations – coming from more than 120 different partner locations**
- **160 professors (in 2023) / 250 guest lecturer / 280 employee**
- **5 Schools / 42 degree programs**
- **Our Hallmark:** International dimension, close contact with business, applied research, continuing education, a sense of values

Reutlingen University

The Schools



Applied
Chemistry



ESB Business
School



Informatics



Engineering



Textiles &
Design



School of Informatics

State today



In total:

~1000 students

200 first semester im winter term 22/23

32 professors (+1 under selection)

30 staff

18 PhD students, 3 PostDocs

2 Campus (Reutlingen, Böblingen)

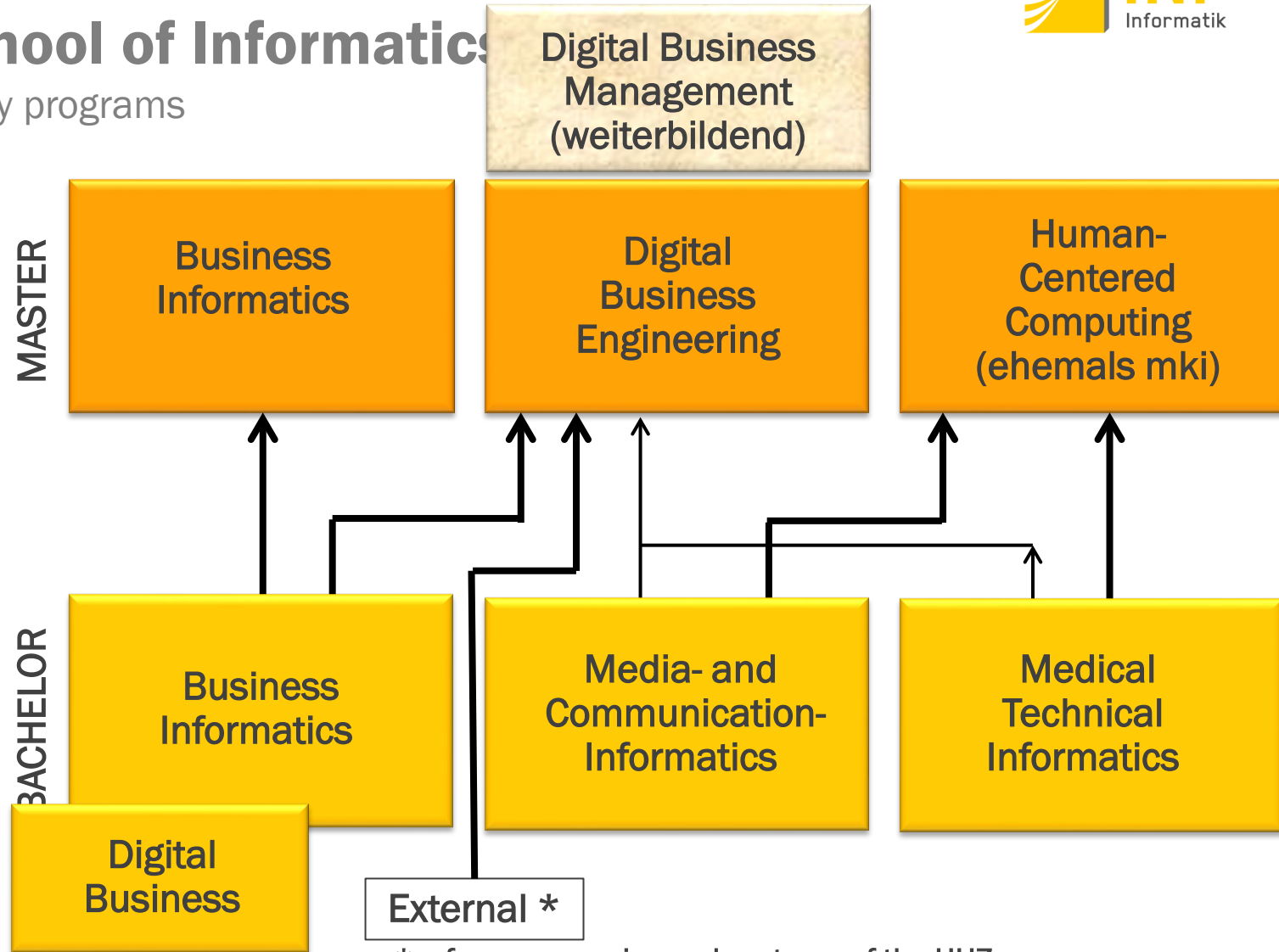
School of Informatics

Development: 2013 - 2023

	2013	2016	2023
Students	730	890	992
First semester	176	190	175
Professors	23 (+3 under selection)	27 (+3 under selection)	32 (+1 under selection)
Staff	23 + PhD	30 + Research staff (incl. PhD stud. + PostDocs)	30 + Research staff (incl. PhD stud. + PostDocs)

School of Informatics

Study programs



* : from companies and partners of the HHZ

School of Informatics

Study programs

Bachelor

Business Informatics (wi)

Digital Business (db)

Media and Communications

Informatics(mki)

Medical Informatics(meti)

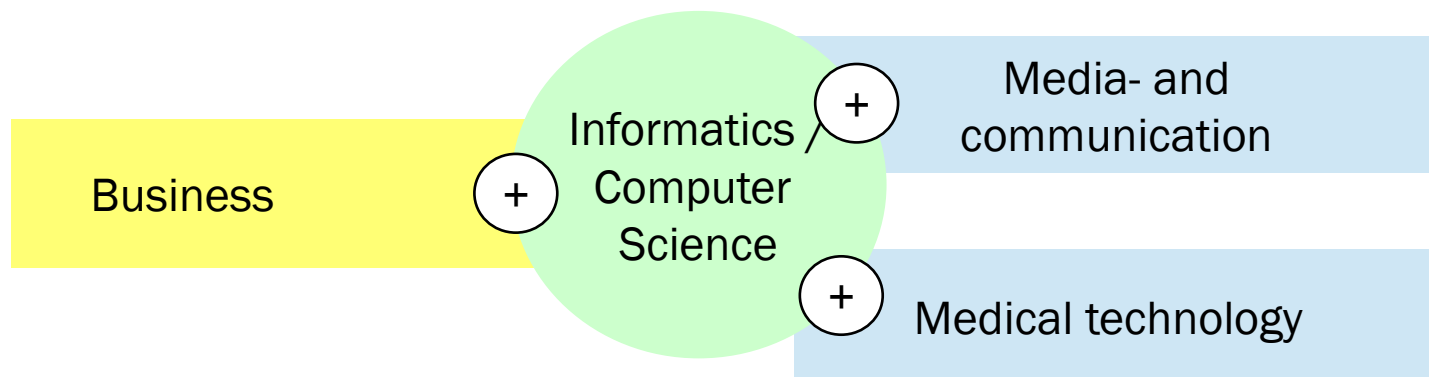
Master

Business Informatics (wi)

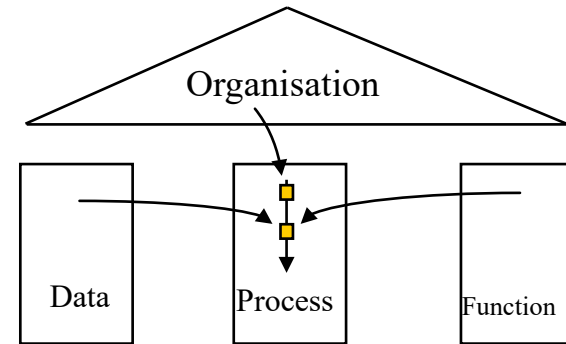
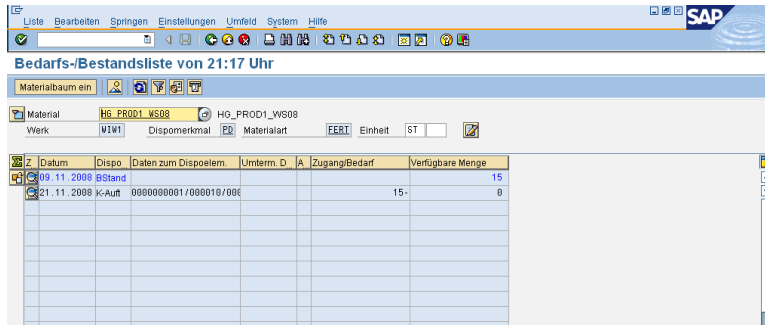
Digital Business Engineering (sc)

Human Centered Computing (huc)

*Digital Business Management
(Professional)*

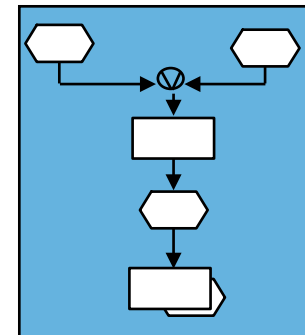


Bachelor Programs

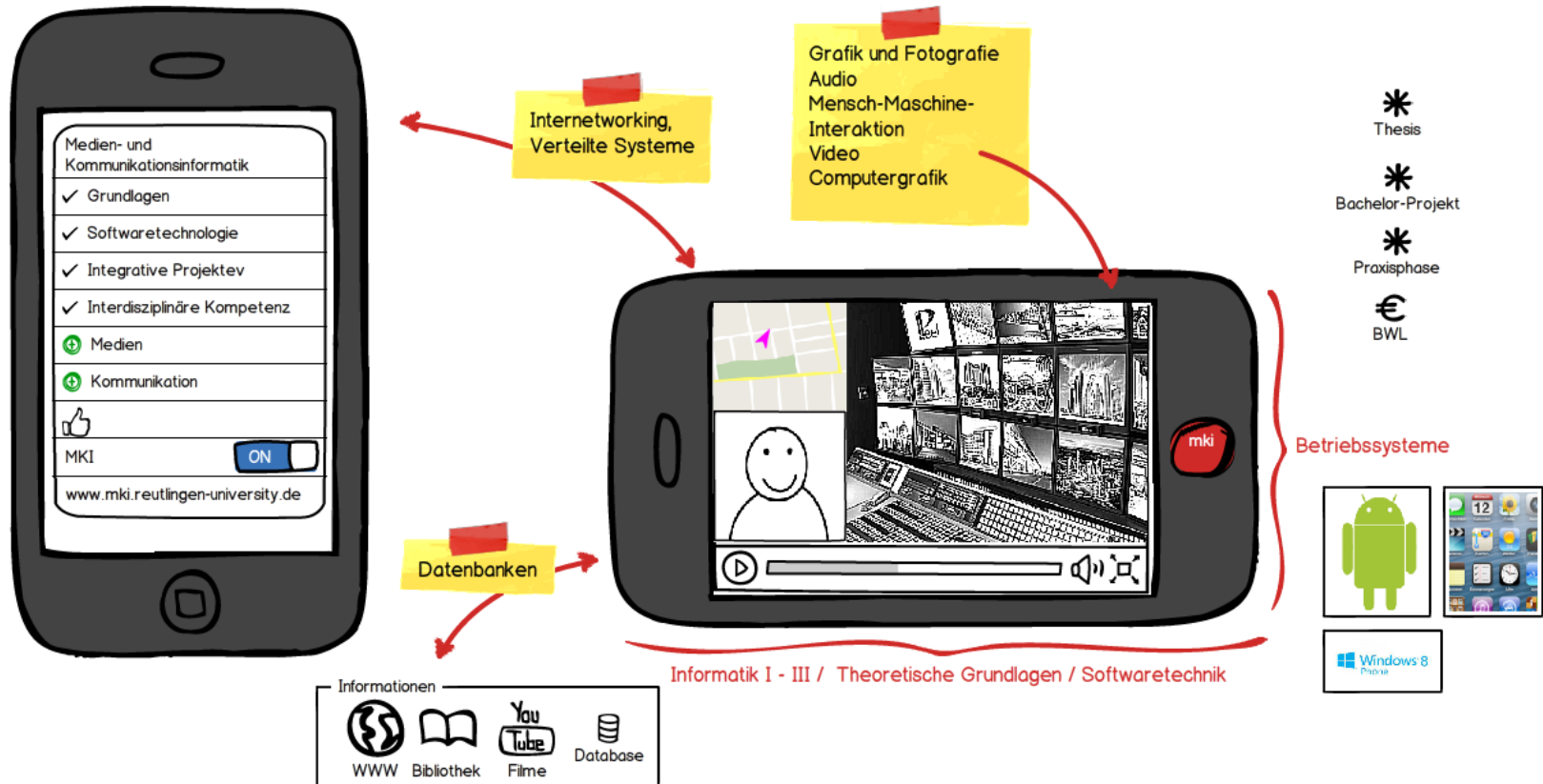
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	09.11.2008	BStand					15
	21.11.2008	K-Auft	0000000001/000010/000				0

Prozessdesign



BUSINESS INFORMATICS

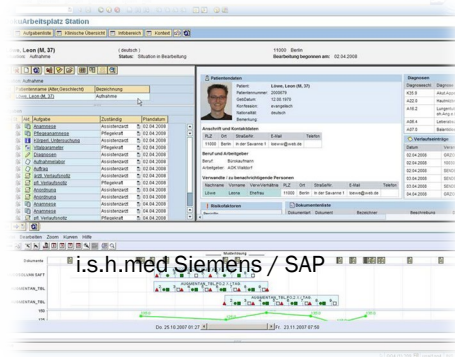
Bachelor Programs



MEDIA AND COMMUNICATIONS INFORMATICS

Bachelor Programs

Documentation

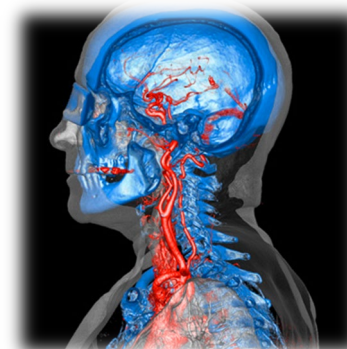


Diagnostics support



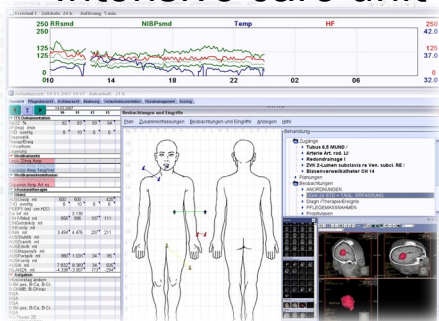
Kodak

Radiology information systems

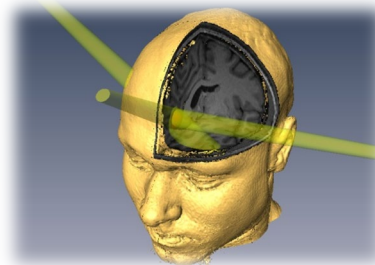


Siemens

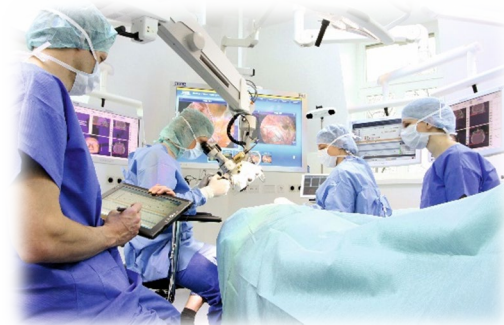
Intensive care unit



GE Centricity Critical Care



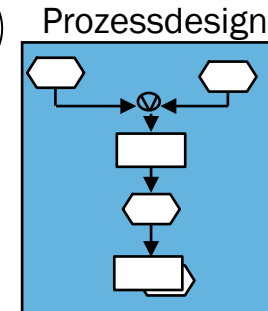
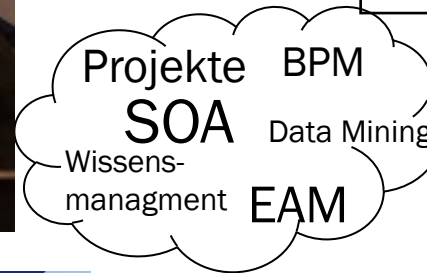
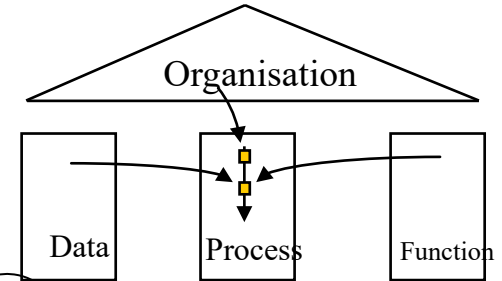
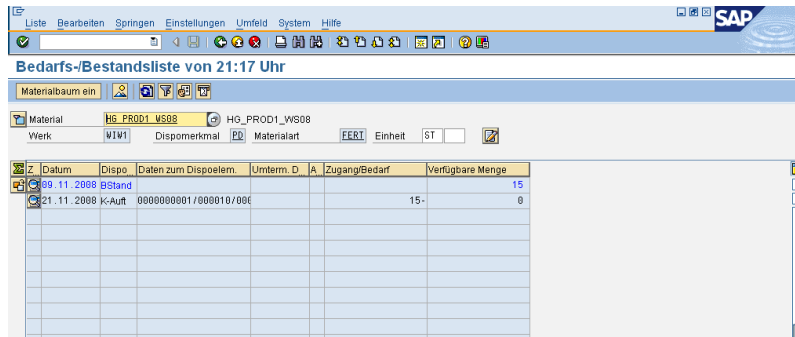
Therapy support



IRDC, Leipzig, Quelle: s.w.an GmbH

MEDICAL INFORMATICS

Master Programs

Z	Datum	Dispo	Daten zum Dispoitem	Urtterm. D.	A	Zugang/Bedarf	Verfügbare Menge
09.11.2008	BStand						15
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Reutlingen model:
50% Business / 50% Informatics

BUSINESS INFORMATICS

Master Programs

Elektromobility



Connected Cars



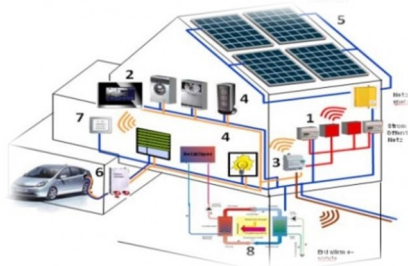
Industrie 4.0



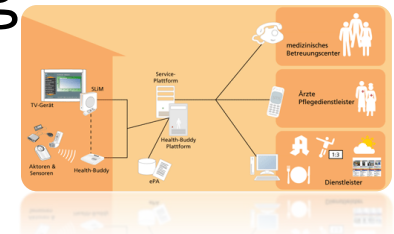
Internet of Things



Smart Home



Ambient Assisted Living



DIGITAL BUSINESS ENGINEERING

Master Programs



Interaction
design

Virtual
technologies



Internet of
Things



Quelle: IDG Business Media GmbH, München



Robotersteuerung per Gedanken;
Quelle: dpa

Information
processing,
Cognitive
systems



Medicine



Quelle: BMBF

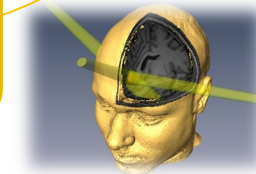


Kernspintomografie



fMRT

Computer
Graphics and
Simulation

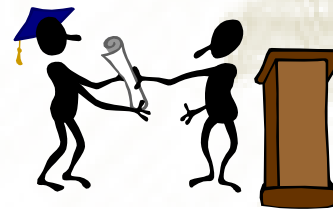


Bestrahlungssimulation

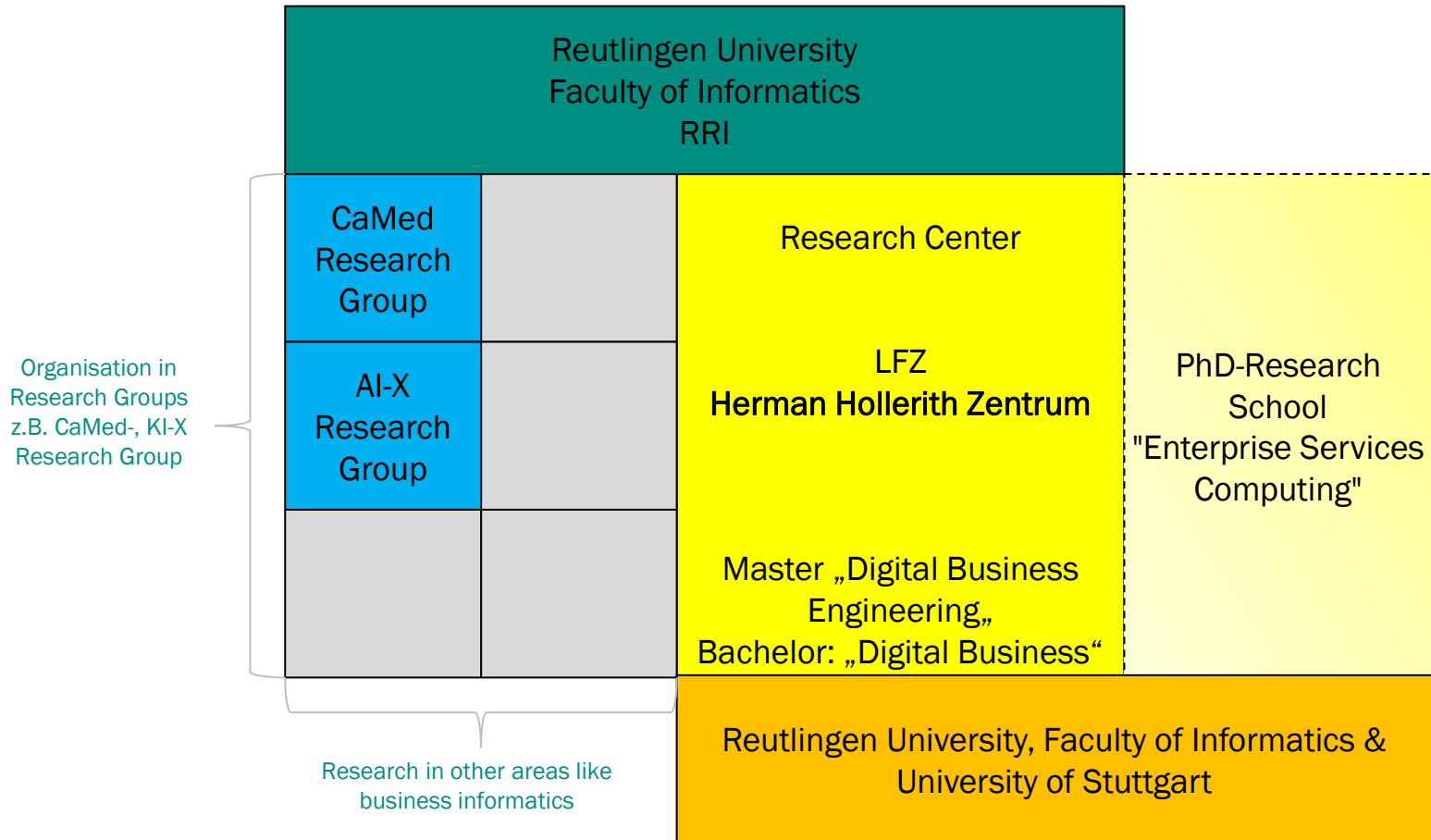
HUMAN-CENTERED COMPUTING

PhD

- PhD in cooperation with German or foreign universities
- Since 2023 allowed to fully supervise PhDs
- Scotland, Spain and further agreements
- Currently: 18 PhD students in Reutlingen and Böblingen
- Since WS 15/16 Cooperative PhD Programm at HHZ
- Since WS 12/13 regular PhD-Colloquium



Research



Research – Herman Hollerith Zentrum (LFZ)

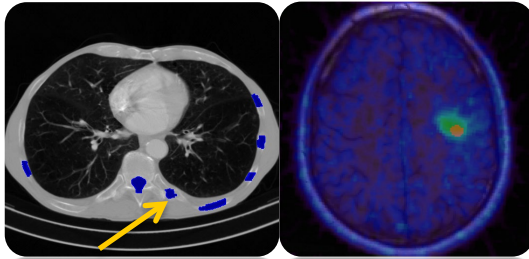
Digital Transformation, Transfer, Small and Medium Companies, Startups

Smart Cities, Smart Mobility, Infrastructure (5G, LoRaWan), Open Urban Data

AI, Machine Learning, AI Lab Region Stuttgart, AI Transfer, Smart Home/Retail

Sustainability, Organic Farming (Ökotrans), Precision Farming

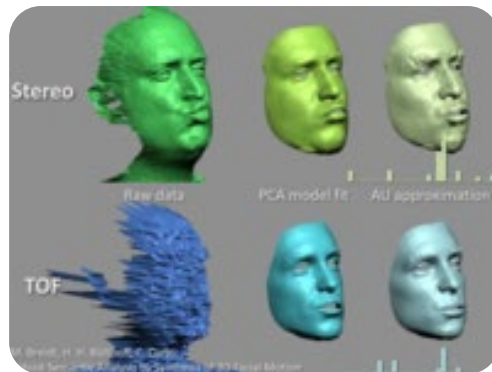
Research – Computer Assisted Medicine



Pathology in radiological images



Teaching- and research OR



Quelle: Breidt & Curio

VR and Rehabilitation



Touchless diagnosis using infrared camera

EXAMPLES

CaMed - Future OR



FACULTY LABS

International contacts

Swinburne University of Technology, Melbourne, Australia

Donghua University, Shanghai, China

Xi'an Politechnic University, Xi'an, China

National Chiao Tung University, Taiwan

Haaga-Helia University of Applied Science, Finland

Sheffield Hallam University, UK

University of the Western of Scotland, UK

Dublin Business School, Ireland

University of West Florida, USA

Universidad de Sevilla, Spanien

...

Working environment



Management Cockpit



MoCap 4.0 Lab



VRlab



Teaching and Reserach QR

FACULTY LABS (Excerpt)

MoCap lab



FACULTY LABS

MoCap lab

Photographie

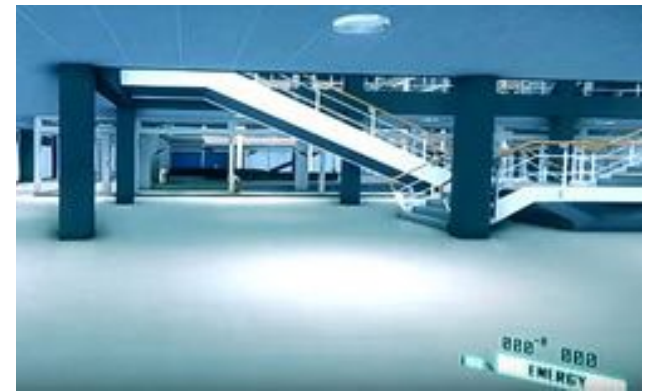


3D Scan



FACULTY LABS 3D Scanning-Technologie

Working Environment



School of Informatics



<https://www.inf.reutlingen-university.de/home/>

