

Medical Engineering at FAU

Dr.-Ing. Heike Leutheuser

Central Institute of Medical Engineering (ZiMT)





FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG

38k students (5.2k internat. students)

261 degree programmes

585 professors

210.7m euros
third-party funding

#1 in Germany (#14 worldwide) in
Reuters Innovation Ranking

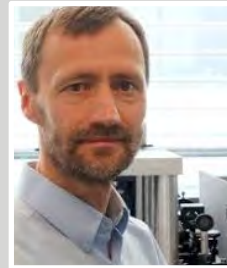
Central Institute of Medical Engineering



Prof. Dr. med. Dr. h. c.
Jürgen Schüttler

Medicine

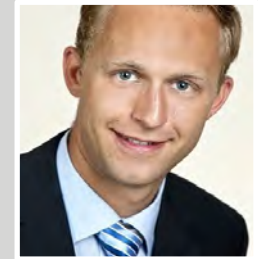
65 Clinics, Chairs
and Institutes



Prof. Dr. Ben Fabry

Science

60 Chairs in 5
Departments



Prof. Dr. Björn Eskofier

Engineering

58 Chairs
In 6 Departments



Medical Engineering Degree Programs



B.Sc.

Introduced in
2009/2010

M.Sc.

Started in
2011/2012

STUDY ADVISORS



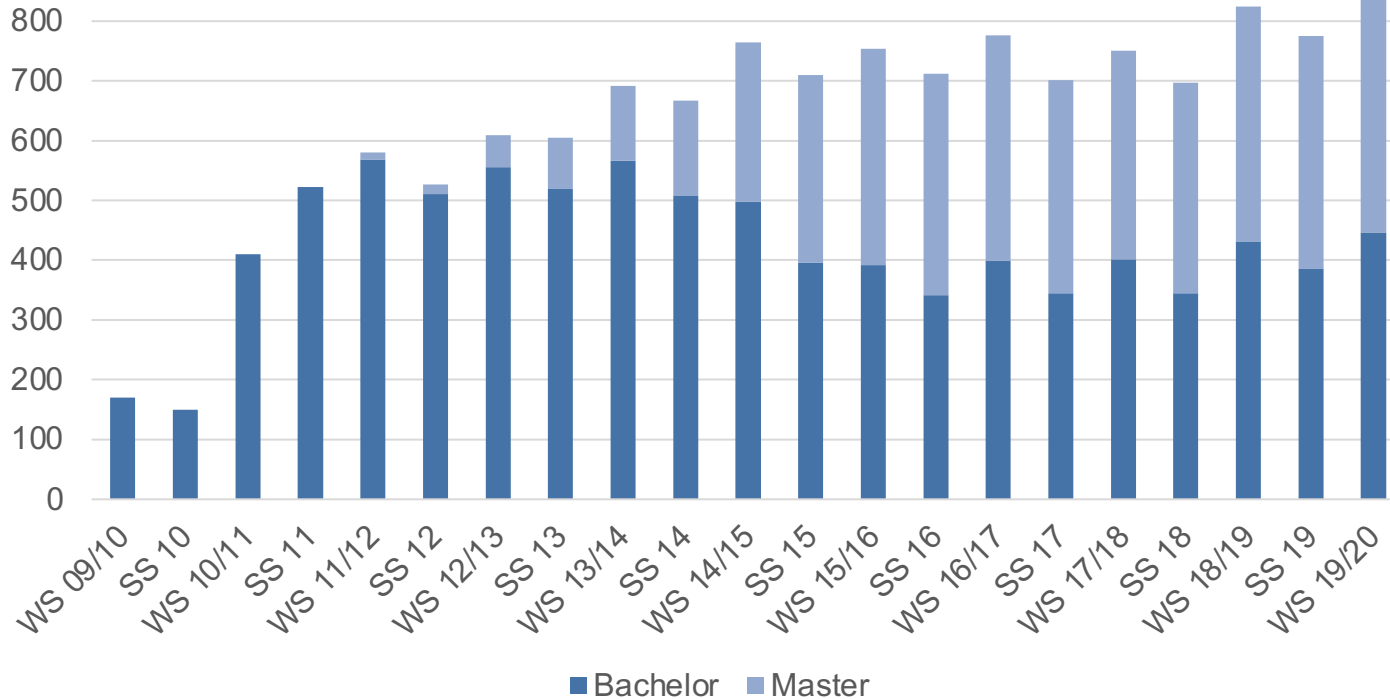
PD Dr.-Ing. Tino Haderlein



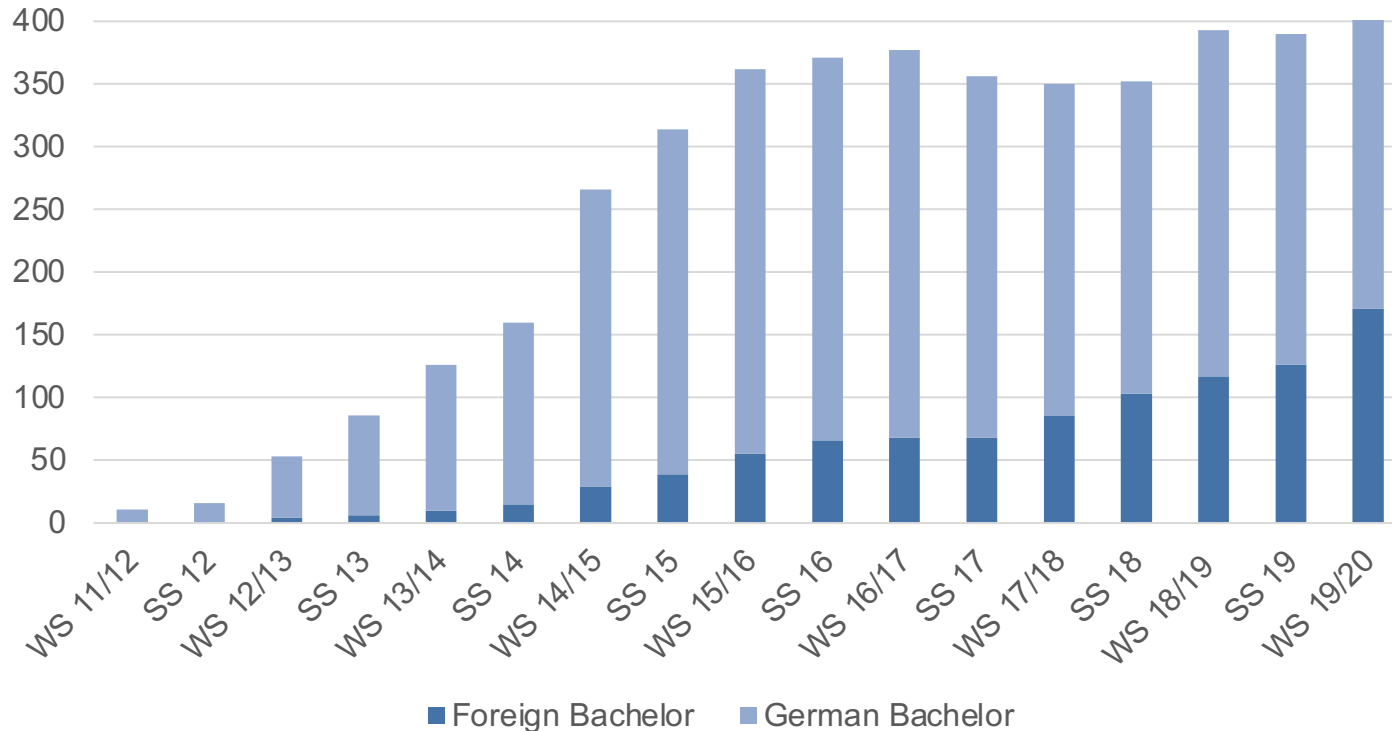
Dr. Felix Schmutterer



Enrollment in Medical Engineering



Enrollment in Masters of Medical Engineering

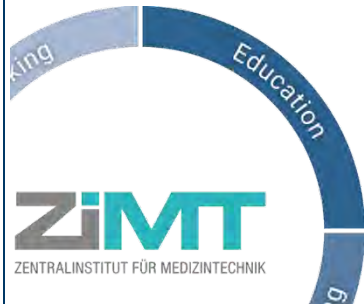


Outstanding lectures and seminars provided by ZiMT

- Kolloquium Medizintechnik in Forschung und Industriy (only in German, in winter term)
- Medical Device Regulation (MDR)
- Medizinprodukterecht (MPR) (only in German)
- EIT Health MedTech Entrepreneurship-Lab
- Seminar Operating Room of the Future (in summer term)
- Seminar Medical Devices of the Future (in winter term)



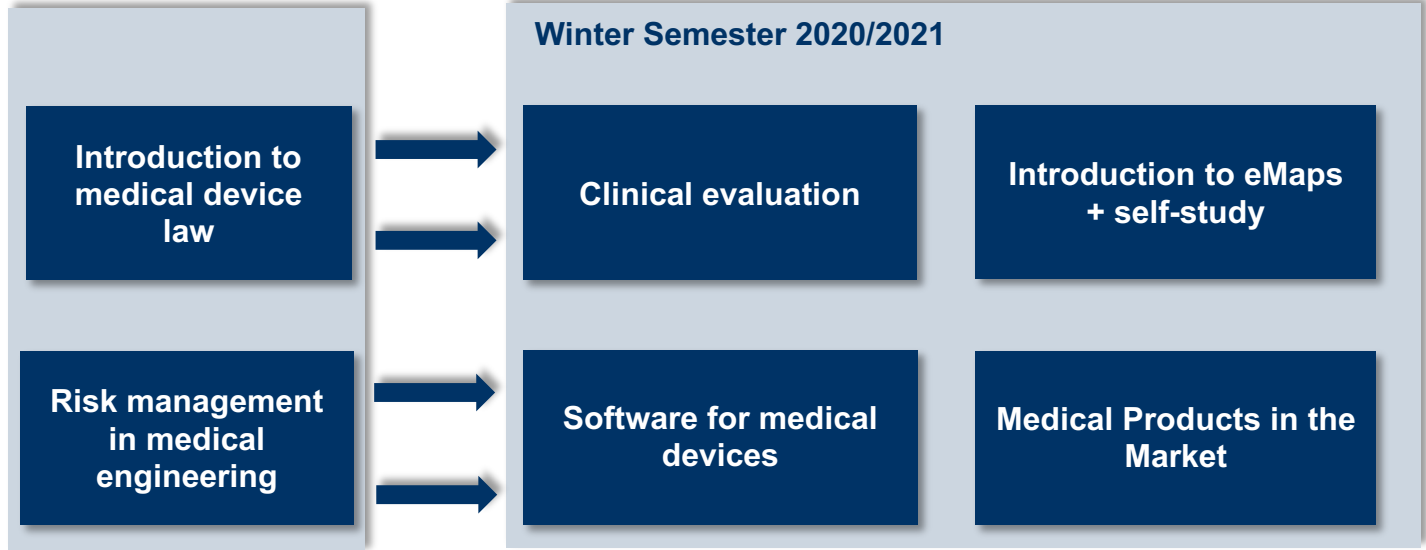
EIT Health is supported by the EIT,
a body of the European Union



Medical Device Regulation (MDR)



Wolfgang Mehringer,
M.Sc.
Research Associate



Summer Semester 2021 (tentative)

Quality management systems

Introduction to eMaps + self-study

Other countries, other conventions

Medical Device Regulation

maker.space

For access please contact



Patricio Caballero
(patricio.caballero@fau.de)

and

join the maker.space
StudOn group

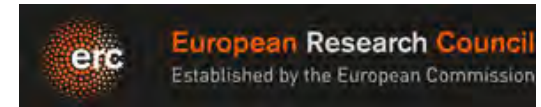




Grant Consulting



Dr. Lisa Walter, PhD
Grant Coordinator





Entrepreneurship



Philipp Dumbach, M.Sc.
Research Associate



Melanie Viebahn, M.Sc.
Research Associate

Accelerator program in MedTech & Digital Health

Startup consulting

Networking events

Prototyping and workshops

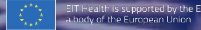


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MedTech – Vision:

EIT Health MedTech Bootcamp



Networks

Workshops

Mentor Program



This is:

500

More than 500
companies are active in
medical technology

More than 20 non-
university research
institutions
carry our
research in the
field of medical
technology

20

65

More than
65 hospitals, coupled
with a strong outpatient
sector, provide first-
class healthcare.

MEDICAL VALLEY

Europäische Metropolregion Nürnberg

Over 850.000
inpatients are treated in
the Medical Valley
each year

850.000

80

More than 80 institutes
at universities and
universities of applied
sciences research and
teach with a focus on
medical technology




WIR SIND DIE CLUSTERPARTNER

Über 170 Mitglieder engagieren sich bereits im Medical Valley EMN e. V. Unternehmen, Forschungseinrichtungen und Gesundheitsversorger arbeiten an der Gesundheitsversorgung von morgen.

Catalyst Europe 2020



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Victoria Goldberg, M.A.
Research Associate

CATALYST EUROPE

INNOVATING FOR MISSION IMPACT

FROM RESEARCH TO IMPACT

increasing the odds and accelerating the pace

FAU Sandbox 2020

Final Pitch auf dem Digital Tech Summit 2020 in Nürnberg



Funding for your startup idea

Open to FAU students and members

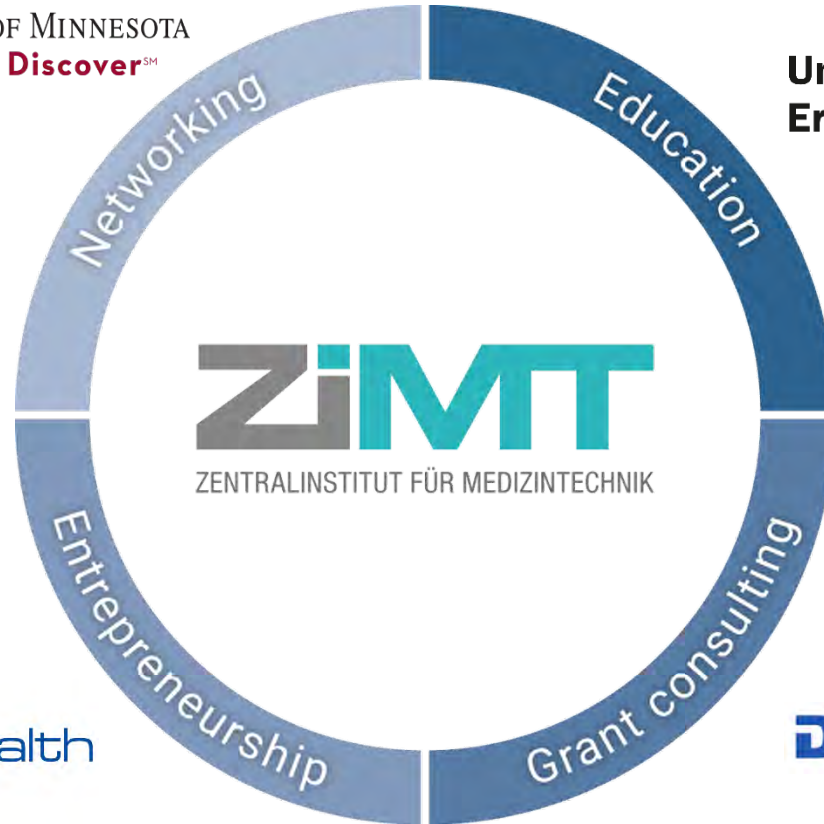
- 10 teams funded with up to **2,000€** each
- 10 week program in summer

Application deadline 12.07.2020

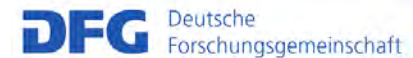
Kick-off 31.07.2020

Final pitch 11.10.2020

- **Program:** mentoring, networking, workshops
- **Deliverables:** midterm pitch and final pitch
- **Application and info:** www.sandbox.fau.de



**Universitätsklinikum
Erlangen**





We are located in...

**Henkestraße 127
91052 Erlangen**

**... corner between
Hartmannstraße
and Henkestraße**

Thank you for your attention!



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heike.leutheuser@fau.de

