

Digital Health Innovation Ecosystem Erlangen-Nuernberg

Prof. Dr. Bjoern Eskofier

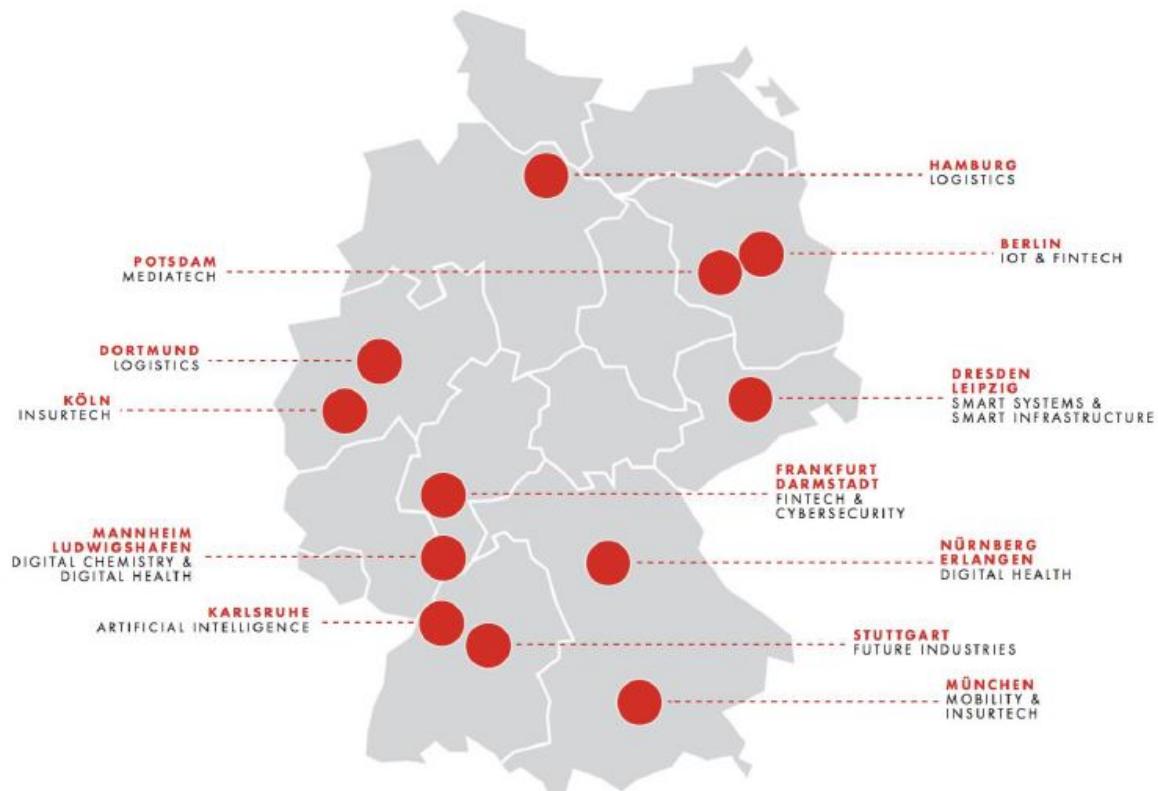
Machine Learning and Data Analytics Lab (MaD Lab)
Friedrich-Alexander University Erlangen-Nuernberg



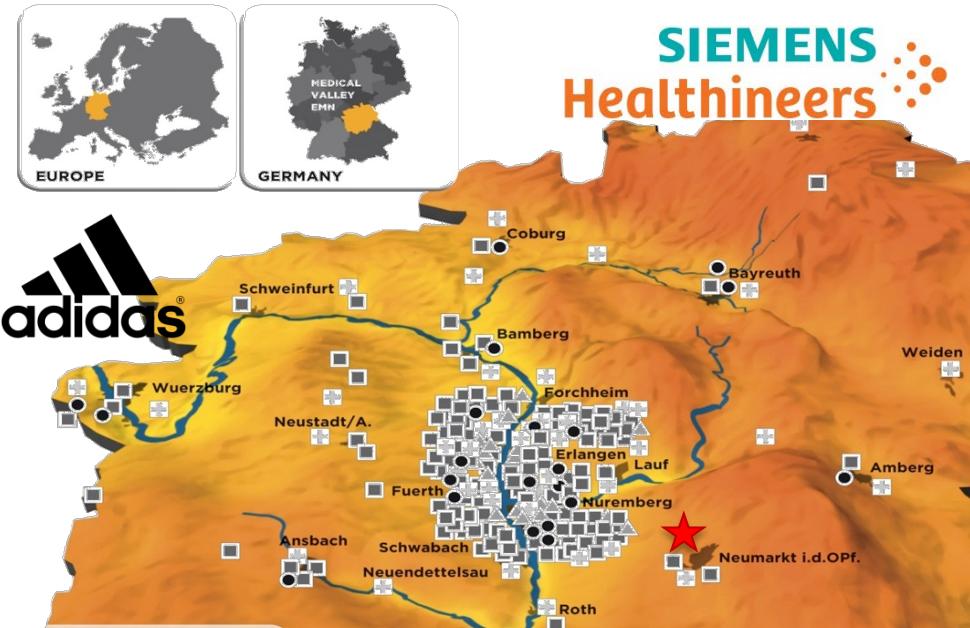
The Digital Hub Initiative

The Digital Hubs are spread throughout the country

Although each city focuses on a particular industry, the idea is that clusters will emerge where other industries can bring in their expertise as well.



The Medical Valley of Germany



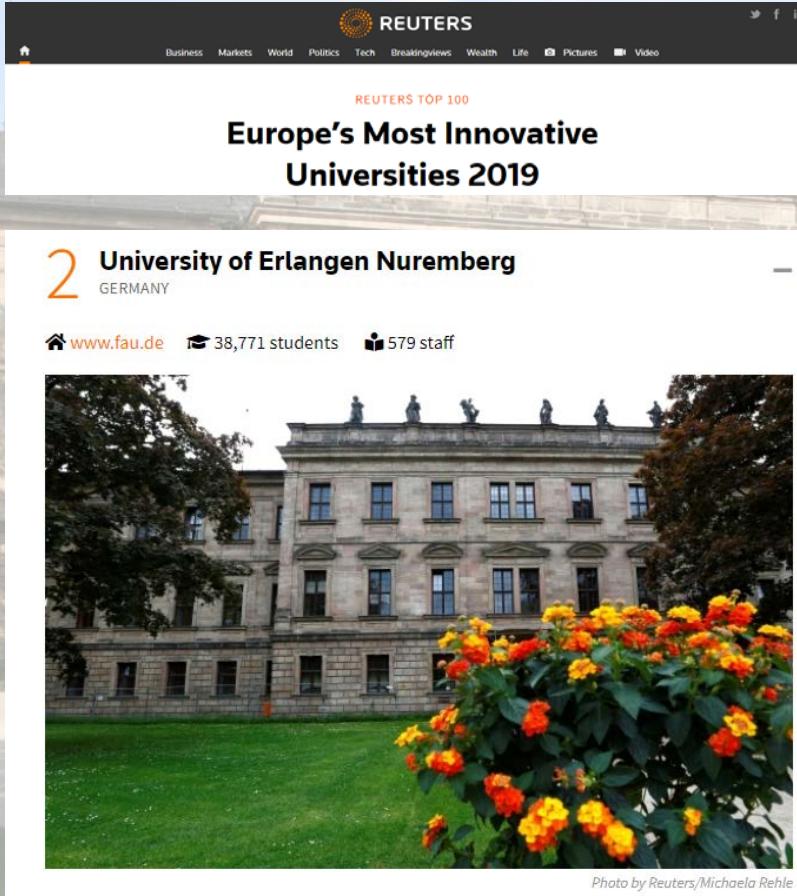
FAU
FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG

 **Fraunhofer**
IIS

Area: 19000 sq kilometers

- **Population: 3.5 million**
- **GDP: 100 billion Euro**





REUTERS

Business Markets World Politics Tech Breakingviews Wealth Life Pictures Video

REUTERS TOP 100

Europe's Most Innovative Universities 2019

2 University of Erlangen Nuremberg

GERMANY

www.fau.de 38,771 students 579 staff



Photo by Reuters/Michaela Rehle

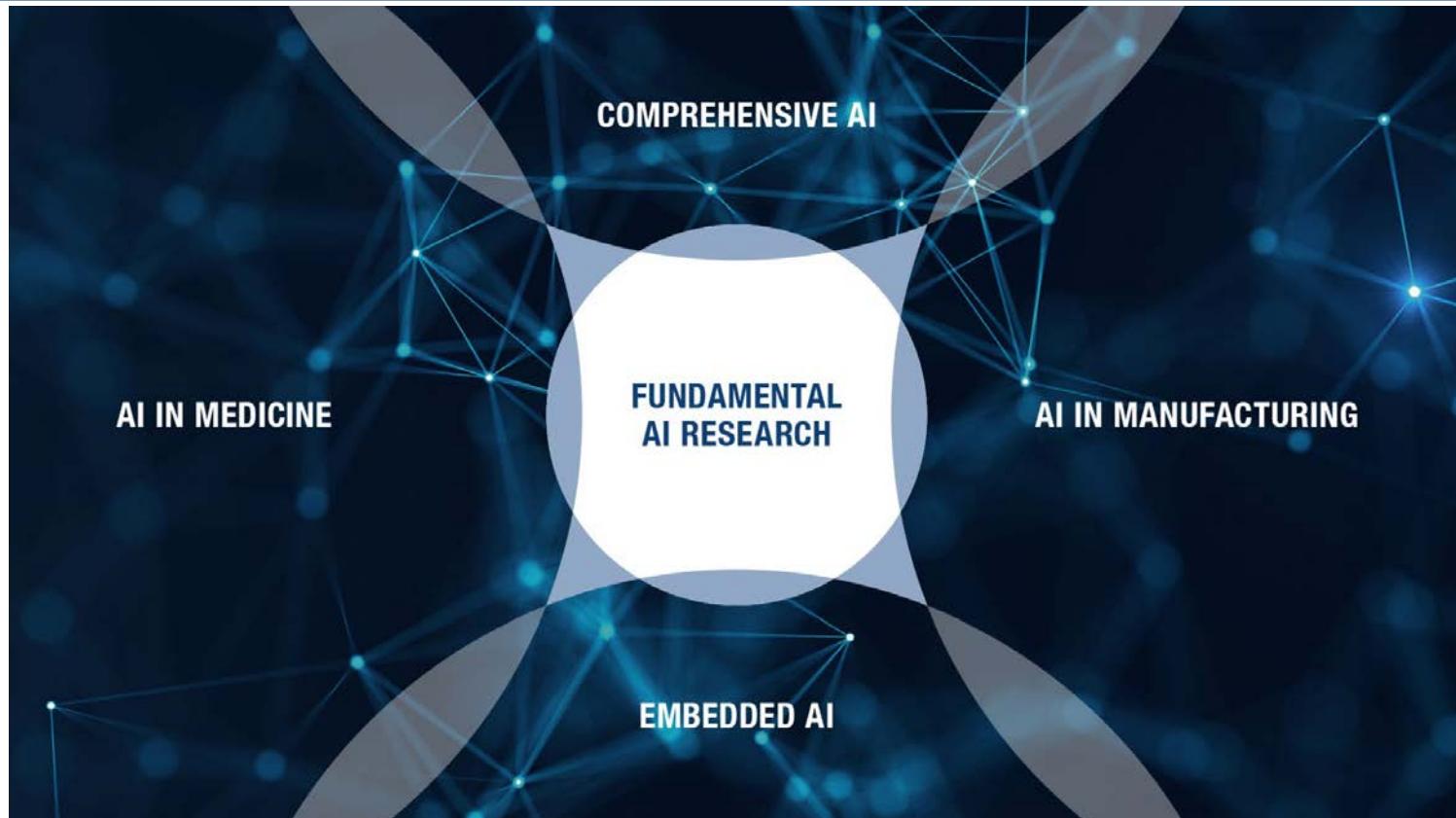
39k students (4.9k internat. students)

261 degree programmes

579 professors

200.7m euros
third-party funding

European Place 2 (Germany: 1)
in Reuters Innovation Ranking



Since 1975, AI has shaped research and teaching at FAU.

Home / News / Research / Hightech Agenda Bavaria: FAU establishes new AI department in health

Hightech Agenda Bavaria: FAU establishes new AI department in health

New research unit 'Artificial Intelligence in Biomedical Engineering' will strengthen Erlangen's position as an AI health hub

May 6, 2020

On 1 May 2020, FAU opened the Artificial Intelligence in Biomedical Engineering (AIBE) department at the Faculty of Engineering for



The new department is called Artificial Intelligence in Biomedical Engineering (AIBE) and will be responsible for research and teaching in artificial intelligence (AI) in health. (Image: FAU/Kurt Fuchs)

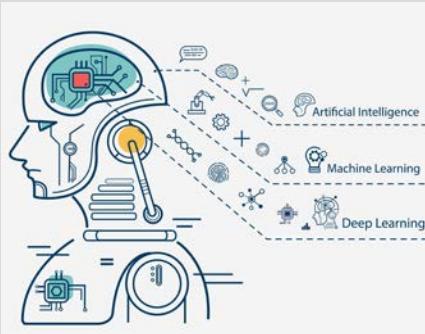


News Archives

Select Month

Digital Sports and Health

Machine Learning Data Analytics



Wearable Systems Usability



“... increase
human wellbeing ...”

Sports



Medicine

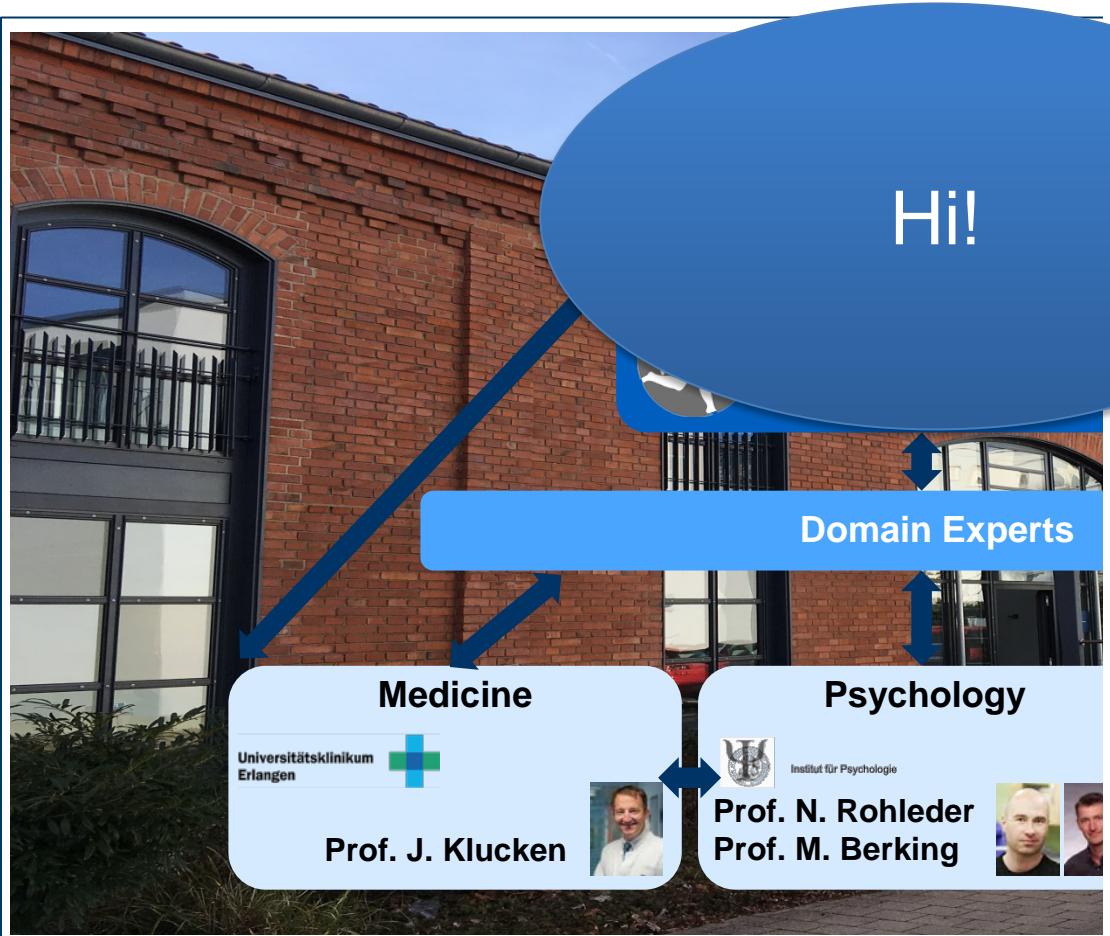


SIEMENS
Healthineers

Industry 4.0



SCHAEFFLER





de:hub
NÜRNBERG
ERLANGEN
Digital Health

Fraunhofer
IIS
MEDICAL VALLEY
Europäische Metropolregion Nürnberg

SIEMENS
Healthineers

d.hip
DIGITAL HEALTH
INNOVATION PLATFORM

Digital Tech
Academy

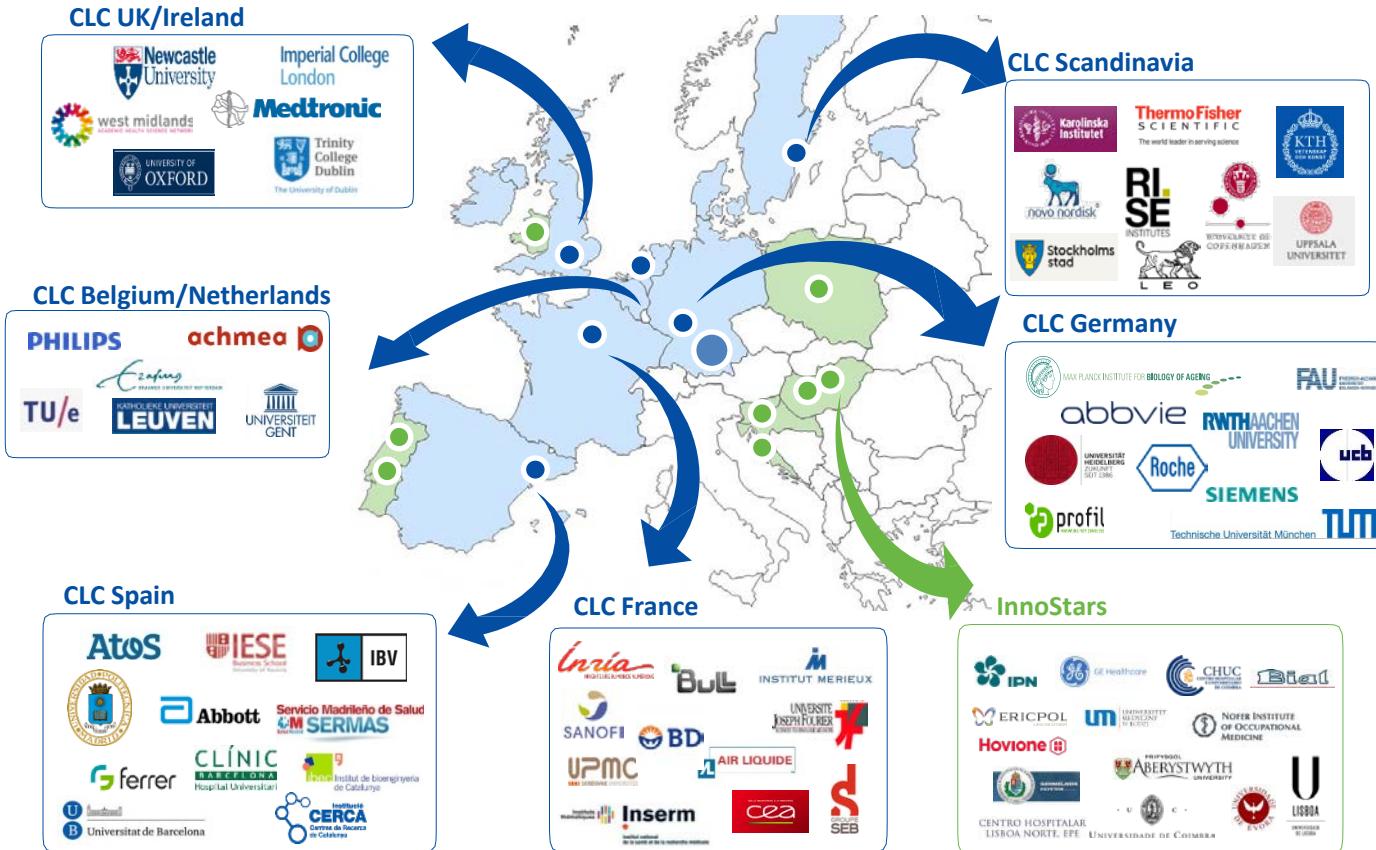
INNO LAB
FOR WEARABLE AND UBIQUITOUS COMPUTING

zollHOF
Tech Incubator



DFG Deutsche
Forschungsgemeinschaft

European Commission
HORIZON 2020



Welcome to FAU!



SCHAEFFLER

Fraunhofer

FAU
FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG
TECHNISCHE FAKULTÄT
FAU
FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG
MEDIZINISCHE FAKULTÄT
FAU
FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG
PHILOSOPHISCHE FAKULTÄT



ANWENDUNGZENTRUM
ESI

EMERGING
FIELDS
INITIATIVE
MOYES



BOSCH
Invented for life

SIEMENS
Healthineers

IIS
 adidas®

MEDICAL VALLEY
Europäische Metropolregion Nürnberg

eit Health

portables
HEALTHCARE | MOBILITY | SPORTS

STABILO

Portables
HealthCare Technologies

imi! innovative medicines initiative

AGAPLESION

ISS
Institut für
Sportwissenschaft
und Sport

Universitätsklinikum
Erlangen



EUROPAISCHE UNION
Europäischer Fonds für Regionale Entwicklung

VDI | VDE | IT

**Bayerische
Forschungsstiftung**