

RCHST Regensburg Center of Health Sciences and Technology

Research Strategy

The “Regensburg Center of Health Sciences and Technology” (RCHST) is an inter-faculty research institute at the Ostbayerische Technische Hochschule Regensburg (OTH Regensburg), which is substantially supported by the Bavarian State Government.

At the RCHST expertise from medical engineering, medical informatics, health and social sciences are pooled in terms of research, development, teaching and training.

THE RCHST performs the following tasks:

- Central contact point for issues in the field of medical and health sciences
- Promotion and coordination of interdisciplinary research
- Expansion of cooperations and networks within the OTH Regensburg as well as with partners from the industry, service providers and sciences in the region
- Scientific training in the field of medical engineering, medical informatics and health and social sciences

Core Technologies and Services

The RCHST covers a broad range of research areas (laboratories) and experts:

Medical Informatics / Medical Engineering:

- Regensburg Medical Image Computing (Prof. Dr. Christoph Palm, Fak. IM)
- eHealth (Prof. Dr. Georgios Raptis, Fak. IM)
- Biomechanics (Prof. Dr. Sebastian Dendorfer, Fak. M)
- Biofluid Mechanics (Prof. Dr. Lars Krenkel, Fak. M)
- Medical Devices (Prof. Dr. Thomas Schratzenstaller, Fak. M)

Health Sciences:

- Social Science Research (Prof. Dr. Sonja Haug, Fak. S)

- Clinical Care (Prof. Dr. Christa Mohr, Fak. S)
- Nursing Management (Prof. Dr. Annette Meussling-Sentpali, Fak S)
- Physiotherapy (Prof. Dr. Andrea Pfingsten, Fak. S)
- Technology Assessment and Applied Ethics (Prof. Dr. Karsten Weber, Fak. AM)
- Clinical Psychology (Prof. Dr. Klaudia Winkler, Fak. S)
- Speech Therapy (Prof. Dr. Norina Lauer, Fak. S)

For further information see: <https://rchst.de>