

HiWi, Bachelor- or Master Theses in the project "Open Digitization Alliance Palatinate" in the innovation area "Health"



The aim of the collaborative project "Open Digitization Alliance Palatinate" of the University of Kaiserslautern, the University of Kaiserslautern and the Fraunhofer Institute for Industrial Mathematics ITWM is to help shape the digital transformation and to create a distinctive culture of innovation, with subjects of high economic and social relevance.

Under the heading "Where innovative universities shape the digital future", we want to intensify cooperation with each other and with important partners from the region. For the successful implementation of the project, important regional transfer actors are involved as strategic partners in the project, such as the "Science and Innovation Alliance Kaiserslautern", the "Future region Westpfalz e.V.", the "Pedagogical federate state institute RLP", the "SmartFactory KL" and the "IHK Palatinate".

The Kaiserslautern University of Applied Sciences is coordinating the joint project. The central goal is to support digitization in **five areas of innovation (education, health, vehicles, products, creativity and cooperation)**.

The joint project "Open Digitization Alliance Palatinate" is government-funded within the framework of the state- federal state initiative "Innovative University".

In the innovation area of health, among other things, demonstrators are being built to illustrate the digital transformation in the health sector.

As part of IB Health, the working group "smart textiles" at University of Applied Sciences Kaiserslautern in Zweibrücken, is building a sensor-equipped wheelchair as a demonstrator. To realize this project, the working group seeks support in the areas listed below.

