

Long-Term Care 2030. Pilot Project for Restructuring a Nursing Home in Karlsfeld

Overview

The project is a joint initiative of SOCIUM and the Fraunhofer Institute for Integrated Circuits (Fraunhofer IIS) together with the Korian Foundation for Long-Term Care and Aging with Dignity (Korian Stiftung für Pflege und würdevolles Altern) as well as Korian Deutschland GmbH.

Duration:

07 October 2022 - 30 September 2025

Research Team:

[Prof. Dr. Heinz Rothgang](#) (Head of project)

[Andreas Langner](#)

[Ralf Steiger](#)

Funding:

[Korian Deutschland GmbH](#); [Bayerisches Staatsministerium für Gesundheit & Pflege](#)

Coordination:

[Thomas Kalwitzki](#)

Details

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The aim of the three-year project is to develop, implement and integrate new processes and 'smart' technologies to ease the workload for care workers. In order to identify and evaluate the appropriate technologies (such as intelligent beds, data glasses, voice recognition or robotic systems for reducing workloads in long-term care), researchers from the Fraunhofer Institute in Erlangen will contribute to the project with their expertise. In close cooperation with the careworkers, they aim to develop new procedures for recognizing, analysing and interpreting stress points in care processes by means of wearable sensors, and put solution approaches into practice.

At the same time it will be possible to implement and test a scientific method for the standardized

calculation of staffing requirements in long-term care* developed in a major project conducted by the University of Bremen from 2017-2020 and commissioned by the self-governing body of the long-term care insurance providers. In this way, needs-based and skills-oriented, digitally supported processes can be developed in the daily routine to enhance both the life quality of the nursing home residents and work satisfaction among qualified carers.

*See [here](#)

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Project Type:

Third-party funded project

Project Partner:

[Fraunhofer-Institut für Integrierte Schaltungen](#); [Korian Stiftung für Pflege und würdevolles Altern](#)

Coordination:

[Thomas Kalwitzki](#)

Publications**Journal Article reviewed**

Sassen, Sascha; Arndt, Marie; Simon, Martina; Gröting, Wolfgang; Scharfenberg, Elisabeth; Rothgang, Heinz; Wittenberg, Thomas; Baumgärtner, Viola; Schönein, Stephan; Jantsch, Holger; Landgraf, Kati, 2024: [“Pflege 2030” – ein Modellprojekt zur Zukunft der Pflege: Die Verbindung von kompetenzorientiertem Personaleinsatz und digitaler Technik in der Pflege](#), in: Rechtsdepesche, 21 (3), pp. 121 - 124

Journal Article

Scharfenberg, Elisabeth; Sassen, Sascha; Rothgang, Heinz, 2023: [Das Modellprojekt "Pflege 2030" - in Echtzeit](#), in: Pflegezeitschrift , 76 (4), pp. 10 - 13, [doi:10.1007/s41906-023-2026-5](#)

Lecture

Kalwitzki, Thomas, 2024: [Vortrag zum Pflegereport 2030](#), Die Zukunft der Pflege in Deutschland. Die Zukunft der Pflege in Deutschland: Impulse für eine nachhaltige Entwicklung, Medizinischen Dienst Berlin-Brandenburg, Berlin, Germany, 13.02.2024, [Link](#) (Date: 15.02.2024)