Computer Systems & Bioinformatics Laboratory

Guest lecture on "Health Enabling Technologies"

Webinar

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Abstract:

Health Enabling Technologies (HETs) contribute to a person's health by monitoring his or her health status and quality of life. This guest lecture deals with different scenarios in which HETs are used and describes which sensors are suited to measure vital signs and biosignals. In specific, the integration of sensors into private spaces like a car ("smart car") and a home ("smart home") are shown. In addition, the lecture covers wearable devices that allow a continuous monitoring. It gives an overview over data types and classifies the data acquired from HETs.

Short bio:

Maike Krips graduated in Biomedical Engineering at the Leibniz University Hannover in 2020 and is currently working as a research associate at the Peter L. Reichertz Institute for Medical Informatics of TU Braunschweig and Hannover Medical School (Germany). She is part of the research group "Accident & Emergency Informatics" and is doing research in the fields of image processing and machine learning.

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