

Health Tech @ UTU

<https://healthtech.utu.fi/>



UNIVERSITY
OF TURKU

Health Technology lab @ University of Turku, Department of Computing

The mission of the team is to strengthen the society with high-quality relevant education, with problem-based interdisciplinary research, with research projects executed in co-operation with industry.

The lab also aims to facilitate the birth of new companies. The vision is to be one of the world's leading academic research groups in selected relevant application areas. The mission is also to attract significant investments - both domestic and foreign - in the Turku area.

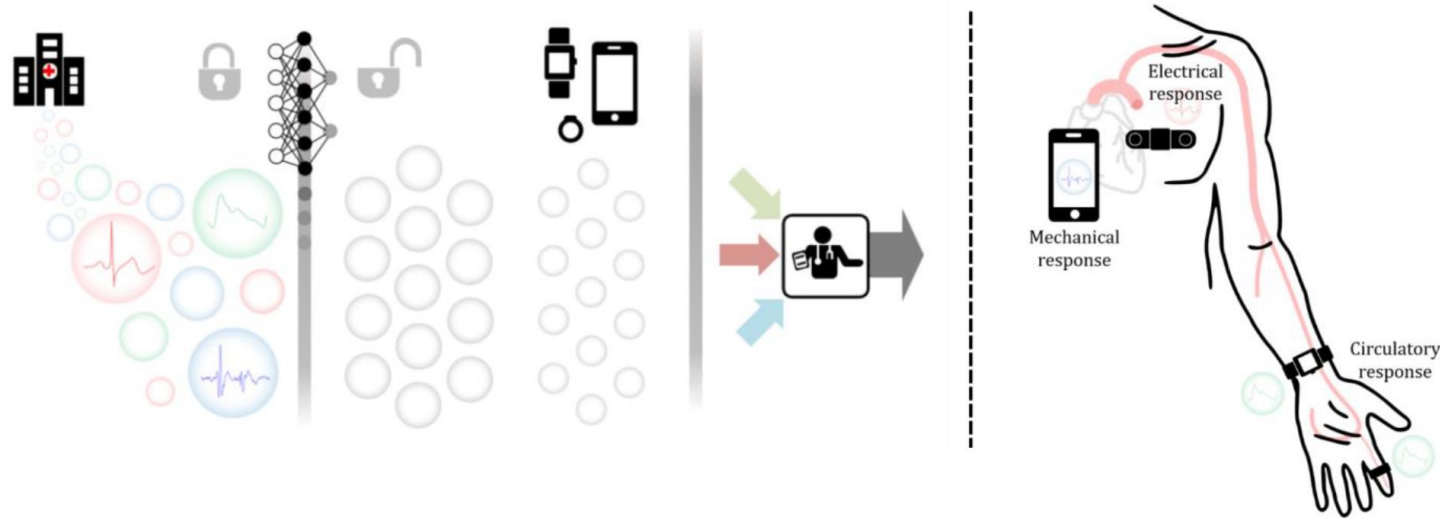
To do research which promotes digitalization of health, healthcare and wellbeing.

Department of Computing has about 180 people.

Digital Health Lab has three professors and around 30 people.

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AI driven multimodal point-of-care diagnostics for early detection of CVDs



- We welcome applications concentrating on AI health informatics and biomedical AI
 - The applications does NOT need to include every aspect of the theme title
- The topics can include AI, machine learning, monitoring system development, wearable devices
- We are especially interested in
 - 1) creating new AI driven monitoring techniques using body sensors, wearables and "nearables"
 - 2) creating new AI driven trustworthy models and methods (methods and applications)
 - 3) combination of different sensing modalities and data sources (methods and applications)
 - 4) edge AI for using state-of-art models in computation constrained MCU

What we can offer:

You will be part of multidisciplinary team

You will be supported from professors with expertise in health informatics and machine learning

You can have the possibility to supervise PhD students

Introduction to our international network with collaboration possibilities

Close collaboration Auria Clinical Informatics (hospital datalake)