# InnoHealth Tandem

InnoHealth USA 2021

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Universität Hamburg + Velamed GmbH



RESEARCH + SME

- Human-Computer Interaction
- Virtual & Augmented Reality
- Biomechanical Tracking



For tandem video and further information please scan QR-code!

## Miimex –
## Micro Gesture Tracking in Immersive Exergames for Seniors

- Neurological Diseases
- Virtual Reality Exergames
- Wearable Tracking Solutions
- Motor-Cognitive Training
- Immersive Rehabilitation

### Project Description

We develop VR-based excergames that allow people with neurological diseases to perform motor and cognitive training and therapy. Therefore, we fuse data from optical and internal tracking to develop a wearable device which can be used efficiently by people with physical problems. This device will be able to track micro gestures to enable experiences for older adults with physical disabilities.

### What do we need?

We are looking for cooperation partners who can contribute in the areas of machine learning and hardware development, as well as experts in different health domains.

### What do we offer?

We offer expertise in the fields of human-centered design of immersive virtual reality interaction and experiences, as well as in the development and distribution of biomechanical tracking solutions.

**Meet this winning German Research-SME-Tandem on the virtual Matchmaking Tour, June 7-11, 2021!**

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