InnoHealth Tandem

Salima HOUTA + Dr. Johannes KREUZER
Fraunhofer ISST + Cosinuss GmbH

RESEARCH

SME

- In-Ear Sensor
- Predictive Modeling
- Mobile Monitoring

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

H-EAR SIGNS –
Health Monitoring by Body Signals from a Novel In-Ear Sensor and AI

- **In-Ear Sensor**
- **Digital Biomarkers**
- **Secure and Standardized Infrastructures**
- **Digital Health Applications**
- **Telemedicine**

Fraunhofer ISST

COSINUSS°

Project Description
The project addresses sensor-based data collection and predictive modeling of disease processes to identify risk factors and to optimize treatment schemes on the basis of continuously recorded vital signs and body movement parameters. The focus is also on the safe and standardized transmission of sensor data from the ear of the patient to the doctor via digital health applications.

What do we need?
We are looking for cooperation partners who can contribute in the area of sensor-based healthcare infrastructures. Moreover, we are interested in medical institutions as evaluation partners for our technologies.

What do we offer?
We offer a sensor-based infrastructure based on international standards. The core is an in-ear sensor that records a wide variety of parameters close to the body and thus advances projects in the area of predicting disease events. In this regard, an app plays a major role both as a companion as well as an interface to medical service providers. In addition, we also have experience in conducting clinical studies.

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

Presented by InnoHealth USA 2021 – a campaign led by Fraunhofer-Gesellschaft as part of the initiative "Research in Germany" of the Federal Ministry of Education and Research.

AN INITIATIVE OF THE

Federal Ministry of Education and Research

Fraunhofer

Research in Germany
Land of Ideas
www.research-in-germany.org