

# CardioHealth – Dimitra Anastasiou

## Proposed Approach

- (1) The first digital health assistant assessing and monitoring children through speech activation;
- (2) Detection of ECG features through a ground-breaking shirt electrode concept;
- (3) An AI tool interpreting findings and creating standardised reports

Looking for partners who **develop medical applications, voicebots or tech T-Shirts/wearables**.  
Other partners: INOVA (Portugal, Germany), BEIA Consulting International (Romania)

## Experience

PI Dr. **Dimitra Anastasiou**: expertise gained at **ENRICH4ALL** project  
Natural Language Understanding models, Chatbot / voicebot, Multilingualism  
User profiling of **ENRICH4ALL**->medical history of patients at **CardioHealth**

**Andreas Jahnen** expertise in health projects  
**Diana+** Digital Assistant: a mobile application to support nurses  
H2020 project **HARMONIC**  
Horizon Europe project **NEWCARE-4U** submitted

**Dr. Christoph Stahl**  
Coordinator of **LIFANA** AAL project

## Organisational Capabilities

Explainable AI, data analytics, chatbots, e-health

The **Responsible Data Science & Analytics Systems** Unit supports this digital transformation of our society and our economy by focusing on the interplay between people, data, computers and the physical world

- **Trustworthy AI**
- **Visualisation & interaction**
- **Human Modelling**

## Administrative Information

I am planning on being a Partner

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