



BROKERAGE FOR HEALTH

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session (edit)



Expertise offer and a project idea

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Expertise 1: Remote Health Monitoring (RHM)

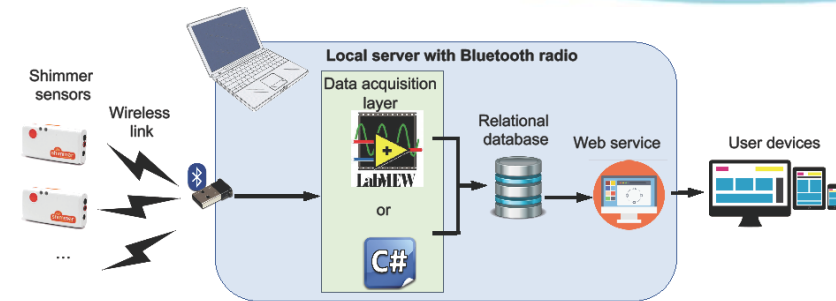
- **Physiological parameters:
ECG, EMG, blood pressure,
blood gases, ...**
- **Environmental, and movement parameters**
- **System design, signal processing, decision support...**
- **Knowledge in requirements for RHM
– together with medical experts**



SAVVY Patch ECG monitor

Expertise 2: Data analytics and management

- **Relational and No-SQL database management:**
 - Databases for remote health monitoring
 - Parallel relational database systems
- **Cloud-based data storage, management and processing:**
 - Hadoop stack
- **Statistical and exploratory data analysis**



Topic

Possible topic/topics we wish to participate in:

- DT-TDS-01-2019: Smart and healthy living at home
- SC1-DTH-01-2019: Big data and Artificial Intelligence for monitoring health status and quality of life after the cancer treatment
- SC1-BHC-13-2019: Mining big data for early detection of infectious disease threats driven by climate change and other factors
- SC1-BHC-25-2019: Demonstration pilots for implementation of personalised medicine in healthcare
- SC1-DTH-11-2019: Large Scale pilots of personalised & outcome based integrated care

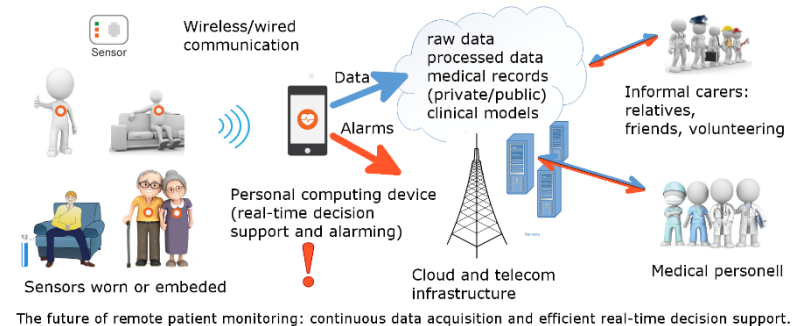
Project idea

Continuous remote monitoring of COPD patients:

Resolve the two main lacks of current remote health monitoring systems:

1. they data is acquired at distinct time moments requiring patient's action (not continuous)
2. some crucial physiological parameters are neglected.

The project will focus on COPD patients but the expected result are applicable for remote health monitoring in general.





Concluding remarks

Additionally we offer:

- Contacts with companies in Sweden
- Medical experts knowledge and involvement
- IoT experience

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Contact details

Thank you!

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