

# Physiological parameter monitoring, analysis and prediction technology for life quality improvement.

A research centre from Latvia specialised in neuroscience, especially focusing on human neurological and physiological status diagnostics, is offering physiological parameter monitoring, analysis and prediction technology, developed up to a working prototype. The main advantages of the technology are real time body analysis and individual calculation algorithms. The research centre is looking for R&D partners for further development of the technology offering research cooperation agreements.

The research centre was founded uniting experienced medical specialists and researchers from neuroscience field. The developed system perform real time measuring and analysis of physiological parameters such as heart rate (HR), electroencephalogram (EEG) and galvanic skin reaction (GSR) and make forecast for user, based on individual calculation algorithms. Compared to existing similar devices, this system allow full mobility of the user, as well as, no restrictions on daily life. The program provides regular information gathering that is constantly being processed, allowing to keep track of body's functioning characteristics. Program mathematically computes a prediction how the health status may change and in case of unfavourable outcome, using feedback, will first notify the user himself, and second – contact with the people chosen by the same user and report to them on the negative changes in user's health condition. The research centre is looking for R&D project partners able to miniaturise existing prototype to be easy wearable (like glasses) for personal all-day use, transmitting data to smartphone for evaluation and decision making for feedback to wearer. The research centre is offering a research cooperation agreement as well as looking for investors to commercialise the system.

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