

# Wireless equipment for remote EEG signal collection

## Contact Phone

## Abstract

Here we propose the mobile system for the remote collection of electroencephalographic (EEG) signals. The system includes wearable portable sensors and receiver. The key feature of the system is real-time monitoring and signal processing. For the capability of low-latency data receiving, processing, storage and visualization the hard-, soft- and firmware have been designed. Power consumption, coverage range, and internal noise have been examined, and the potential of using the described system in laboratory practice is shown.

## Type of Book of Abstracts

**Primary authors:** Mr NATAROV, Roman (Taras Shevchenko National University of Kyiv); Dr SUDAKOV, Oleksandr (Taras Shevchenko National University of Kyiv)

**Presenter:** Mr NATAROV, Roman (Taras Shevchenko National University of Kyiv)

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