**Project Title**: Facilitating participant trials on: EEG recordings for Adaptive Computer Interfaces for Improved Productivity and Personal Health

**Contact**: Shahin Rostami <srostami@bournemouth.ac.uk>

**Project Description**:

The Machine Intelligence Group (MIG) host a research direction in the use Electroencephalographic (EEG) recordings to enable real-time adaptive computer interfaces, with the aim to improve productivity and personal health for the user.

Having prior experience with EEG recording equipment is desirable but not essential.

The RA will be given time to familiarise themselves with the equipment, the project, and the opportunity to conduct a preliminary trial to verify the data. Initial training with the EEG equipment will be delivered by Dr. Shahin Rostami, who will also be overseeing the trials themselves.

The tasks of the RA will include the following:

* Attending training for the EEG equipment and software used for the participant trials.
* Reading the relevant documentation for the EEG equipment and software.
* Familiarising themselves with experimental design.
* Conducting a preliminary trial with Dr. Shahin Rostami to verify the capture of the recordings.
* Conducting participant trials for up to 30 samples in accordance with the experimental design.
* Submitting a post-experiment.

**Research Assistant**:

A Post-Doctoral Research Assistant is needed. The skills required include experience in one or more of the following:

* ESSENTIAL: Conducting (facilitating) participant trials according to an experimental design.
* ESSENTIAL: Recording results from participant trials in a prescribed format.
* ESSENTIAL: Writing for publication
* DESIRABLE: Experience as an Electroencephalographic (EEG) technologist

**Hourly rate: £**16.72

**Number of hours:** 109 hours