**EEG + BitBrain**

* Proposal to be funded by the German + British grant
* BitBrain is extremely robust with regards to imperfect inputs
* Thus, it is well suited to process data such as EEG signals
* It is also very energy-efficient and can be deployed on hardware with low-energy requirements, thus it makes a perfect solution for wireless mobile headsets
* Ideas for applications
  + https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9101004/
  + <https://www.mdpi.com/2076-3417/10/21/7453>
  + Controlling a racing game <https://www.youtube.com/watch?v=rIbfNUA5pWk&ab_channel=Perrikaryal>
  + Predicting imagined or object in the visual field
  + <https://eval.ai/web/challenges/challenge-page/2099/overview>
  + Neuromarketing
  + Performance prediction and monitoring
  + Telepresence - decoding movements, sending and receiving commands remotely potentially via the universal interface protocol
  + Madical

TODO:

* Contact more EEG companies, ask about collaboration
* Test BitBrain with more data and develop extensions

Our document for investors in 2023

<https://docs.google.com/document/d/1h63fJ4m6O3uk7y85mcOxkgOFjKztgHuvos5YP1FkKzw/edit#heading=h.yk01w8nxmmzn>

Brain to words dataset

https://eval.ai/web/challenges/challenge-page/2099/overview

What is the protocol for medical robot operated remotely

**1bit EMBEDDINGS + BitBrain**

**UNIVERSAL INTERFACE + BitBrain**



