

At the Department of Medical Informatics - mHealth Division - of the Uniklinik RWTH Aachen currently we are actively looking for a

M.D. Thesis Student

Personalized seizure prediction

Automatic (computer-based) prediction of epileptic seizures can bring great benefits to the patients. There is currently a lot of research going on the topic, where primary EEG, but also e.g. EMG data has been used. We propose a retrospective study of video EEG data collected in Epileptology UKA. The task of the MD student is to extract the relevant data from the records and in collaboration with a data analyst try to identify individual patterns which might be used for seizure detection.