PhD or Postdoc Positions

In the Epilepsy Canter at the University Medical Center Freiburg

The Epilepsy Center (www.uniklinik-freiburg.de/epilepsie/live/index.html) at the University Medical Center Freiburg (www.uniklinik-freiburg.de) offers interdisciplinary PostDoc/PhD positions related to biomedical signal processing and technology. It is part of the recently granted Cluster of Excellence "BrainLinks-BrainTools".

The development goal is intelligent devices for the treatment of epilepsy in an interdisciplinary setup.

The specific tasks in the project will be:

• Analysis of intracranial long-term EEG registrations.
• Software implementation of established and new pattern detection methods.
• Optimization of algorithms with respect to early event detection, complexity and energy consumption.
• Integration of analysis methods in intelligent classifiers,

Preferred platforms for software implementation: C++, Matlab

The position is initially limited to one year and may be extended by up to three years, subject to funding and continuation of the project.
Starting date: ASAP

Please send your application documents to:
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