



Thesis Project Form

Title (tentative): Transforming epilepsy research, using NLP for DRE diagnosis

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Description

Motivation and application domain

Epilepsy surgery is an option for people with focal onset drug-resistant seizures but a delayed or incorrect diagnosis of epileptogenic zone (EZ) location limits its efficacy. Seizure semeiological manifestations and their chronological appearance contain valuable information on the putative EZ location but their interpretation relies on extensive experience.

General objectives and main activities

The aim of the work is to support the localization of EZ in DRE patients automatically analyzing the semeiological description of seizures contained in video-EEG reports.

Training Objectives (technical/analytical tools, experimental methodologies)

Place(s) where the thesis work will be carried out:

Additional information

Maximum number of students: 2