

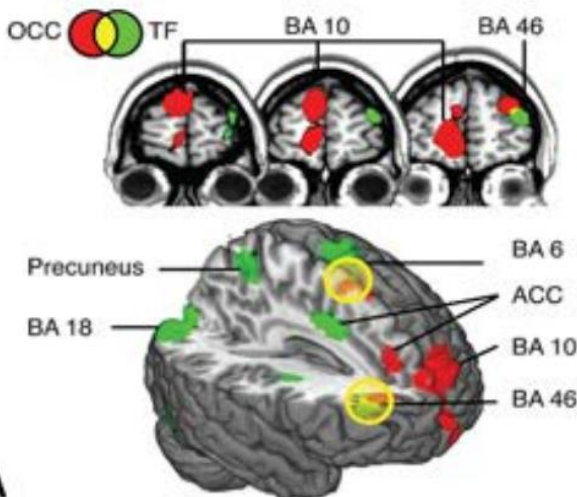


Student Job or Final Thesis

Area: Data Science in Neuroscience
Topic: An integrated Neuroscience Environment for Handling, Processing and Accessing Data with complex Requirements

Objectives:

- Handling of data with various data sources (MRI, EEG, behavioral data, ...) and formats at different scales
- Integrating of existing metadata extraction algorithms or implementation of new algorithms to enable search capabilities
- Integration of High Performance Capabilities to enabled data processing capabilities
- Adapting/implementing graphical user interfaces based on user requirements



Technologies: Data Management and Web Frameworks, Databases, Java, Python
Project: DFG Collaborative Research Centre 940
Language: German or English
Time Frame: As soon as possible
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Professor: Prof. Dr. Wolfgang E. Nagel