

The **FBI** Laboratory (**F**reiburg or **F**unctional **B**rain **I**maging) employs modern brain imaging techniques to understand human brain function with a clinical context. The facility is headed by Dr. [Stefan Klöppel](#).

The FBI combines the research interests from several fields of medicine (i.e. Neurology, Psychiatry, Neuroradiology, etc.). Our main emphasis is towards understanding mechanisms of human brain diseases and its treatments. We implement new MR imaging techniques developed at the Department of Medical Physics together with neuropsychological test paradigms in both patients and healthy subjects.

FBI-Freiburg has strong links to the Bernstein Center for Computational Neuroscience (BCCN) and the Center for Data Analysis and Modeling (FDM) in Freiburg, as well as the local department of Pattern Recognition. Members of the FBI also contribute to the development of the widely used analysis software SPM in cooperation with the Functional Imaging Laboratory, London.

MR-facilities are located in the Department of Medical Physics and the Department of Neuroradiology (2 identical Siemens TIM Trio machines). Centralised imaging analysis facilities are available in the Department of Neurology, as well as several EEG set-ups and TMS laboratories at the Neurocentre and the Department of Psychiatry.

Projects are discussed and support granted at weekly **FBI Meetings** .

Information may be obtained from [Stefan Klöppel](#) or [Volkmar Glauche](#).