

Projects of Module 4

Project 1:

Enhancement of highfield-MR to in vivo microscopy and combination with MR-PET (Application: Hippocampus mapping, diagnosis of the dementia course)

(<https://www.abinep.ovgu.de/Module+4/Fellows/Beatrice+Barbazzeni.html>)

Project 2:

Combination of MEG, EEG and fMRT (Application: Diagnosis of pathology of decision-making during psychological dysfunction)

(<https://www.abinep.ovgu.de/Module+4/Fellows/Julia+Rogge.html>)

Project 3:

Complex analytical methods: MVPA, RSA (Application: Simulation of macula degeneration)

(<https://www.abinep.ovgu.de/Module+4/Fellows/Sharavanan+Ganesan.html>)

Project 4:

Deep brain technology (Application: Evaluation of deep brain treatment)

(<https://www.abinep.ovgu.de/Module+4/Fellows/Stefan+Replinger.html>)

Project 5:

Connectivity analysis of EEG and fMRT data (Application: Enhancement of brain machine interfaces)

(<https://www.abinep.ovgu.de/Module+4/Fellows/Camila+Silveira+Agostino.html>)



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