Supervisor: Prof. Samuel Kaski, Manuel Eugster, Eemeli Leppäaho

Contact information: first.last@aalto.fi

Job description: Neuroimaging studies are aimed to explain the complex mechanisms of human brain function. We develop methods for analyzing the fMRI, EEG and MEG measurements from these studies. The methods range from explorative models to support neuroscience in finding hypotheses and drawing conclusions on the nervous system, to predictive models for brain-computer interfaces, where brain signals are utilized in interactive systems. Probabilistic modeling is an important cornerstone for our research, and we are looking for summer trainees who want to contribute to our work in terms of experimental data analysis and probabilistic model development. Knowledge in machine learning and programming skills are needed but can be learned.

Additional information: http://research.ics.aalto.fi/mi/research.shtml