PMO - Information Visualization: Probabilistic Models

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**Job description** Interactive systems anticipate the user’s intentions and actions, and utilise the predictions in a human-computer loop to provide more natural and efficient user interfaces. We have developed new information retrieval principles with which users can interactively navigate an information space, which are more efficient than standard searches in complex information retrieval tasks.

A key component of the system includes probabilistic machine learning for both the content and context, measured through several sensors. We are looking for a summer trainee who wants to contribute to this new and promising research direction, combining machine learning, new interactive interfaces, and new visualization and interaction techniques. In this position knowledge in machine learning and programming skills would come in handy.

**Additional information:** [http://research.ics.aalto.fi/mi/research.shtml](http://research.ics.aalto.fi/mi/research.shtml)