IIM - Interactive Intent Modelling for Exploratory Retrieval

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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 is probabilistic machine learning, of both the content and context, measured through several sensors. We are looking for summer trainees who want to contribute to this new and promising research direction, combining machine learning, new interactive interfaces, and modern data collection and visualization hardware. The project requires knowledge in machine learning and programming skills.

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