

# Catch the early bird

## Bachelor/Master/Diploma Thesis



Twitter is a simple but fast communication platform globally accessible from different devices through the internet. With growing popularity the number of tweets (twitter messages) increases and more people exist that post tweets. On the one hand the mass of available information and chance for fast broadcasted news grows, on the other hand following the massive number of tweets becomes impossible and leads to information overload of twitter users. What is needed is a filter that selects tweets according to a user's preferences. To make such a filter more usable it must allow a user to adjust his preferences at all times and re-filter tweets. What's more, is that a filter must be capable of determining a relevance of tweets by multiple metrics and of reordering tweets by a certain relevance metric. Relevance can be based on many factors such as number of retweets (forwards) of a tweet, number of followers (subscribers) of the author of a tweet, or the number of keywords found in a tweet or on website referenced in a tweet with keywords derived from recent tweets of a user.

### Goals within your thesis

- Introduce and define a relevancy metric that considers user preferences (weights)
- Implement a web-based tool that filters and reorders the global twitter feed or feeds of a user
- Develop a filter in the web-based tool that selects and orders by relevancy

### Contact