We currently have an open position of a

**PHD with Focus on Computer-Human Interface (f/m)**

*(38.5 h/w) in Graz*

Are you inquisitive and would like to make a scientific contribution? Do you enjoy working in a research-oriented environment and multi-cultural teams? Are you interested in artificial intelligence methods that work together with humans to solve a task? Can you create working prototypes and are you meticulous about improving them? If so, we'd like to meet you!

**Your responsibilities:**

We are looking for a PhD student in the area of Knowledge Visualization. Research in this team encompasses information visualization, interaction design, as well as machine learning methods applied to both the data and the interface to optimise the interactions. You will work on developing interactive methods for natural language processing in the context of clinical data. These methods require human input to improve and validate the models developed and mechanisms for iterative learning from the human input. We expect you to be highly interested in algorithms and the computer-human interface.

The Knowledge Visualization team works in close cooperation with Know-Center’s research groups specializing in Social Computing, Data-Driven Business and Knowledge Discovery. This gives you a unique opportunity to be part of an interdisciplinary team of researchers in leading fields. The successful candidate will work within a project led by Dr. Eduardo Veas.

**Topics of interest:**

- Text Analytics and Text Mining
- Interactive Machine Learning
- Deep Learning for Natural Language Processing
- Knowledge Graphs
- Intelligent User Interfaces

**Your qualifications:**

- Master's degree in computer science or equivalent with an extensive background in Machine Learning or in Human-Computer Interaction
- Good knowledge of programming skills (Web Programming, Javascript, Tensorflow, Python)
- Teamwork ability
- Independent workstyle
- Excellent communication skills
- Very good English

**We offer:**

- An opportunity to obtain a PhD at Graz Technical University
- Dynamic, creative and multi-cultural team
- Innovative tasks: we perform research and development at the interface between science and industry
- Great opportunities for professional and personal development
- Excellent good work-life balance (flexible time arrangement)
- Informal and stimulating working atmosphere

Under our collective agreement, the **minimum gross salary** for this full-time (38.5 h/W) position is €2,750 per month (14 times a year). **Higher compensation is possible**, depending on your qualifications and experience.

We are looking forward to your application at career@know-center.at