

# VRVis Job Posting

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Applications are invited for a position as **researcher in the field of medical image computing** at Biomedical Visualization Group, VRVis Center for Virtual Reality and Visualization Research in Vienna, Austria with the possibility to do a doctorate at one of our associated universities. The position is available immediately.

VRVis is the leading research company for Visual Computing in Austria and part of one of the biggest Computer Graphics Research Clusters in Europe.

The open position is part of the COMET funded applied research project “Knowledge Assisted Visual Fusion of Multi-Source Data” (KAFus) that started in July 2010 and will run until end of 2013. We are looking for an enthusiastic person supporting us in research and development of innovative and competitive – mainly model based - segmentation methods for radiology applications.

We are working closely together with our industrial partner AGFA Healthcare and offer our researchers a “close-to-reality” environment. Our solutions should work in the lab, but also in a real clinical setting, have to meet high expectations on performance and robustness, and will generally be combined with appropriate visualization and interaction methods. The project provides enough space and time for doing basic research, to follow new “risky” ideas and to write scientific papers. We always try to find an inspiring distribution of basic and applied research!

Currently there are six VRVis researchers and several students involved into the KAFus project. We are supported by one researcher at the Institute of Computer Graphics and Algorithms, and several developers, medical doctors and biologists working for our industrial partners. The whole VRVis has about forty researchers working in the areas Rendering, Visualization and Visual Analysis.

We provide a very stimulating, highly enjoyable, multi-disciplinary, internationally oriented working environment and competitive salaries.

**Applicants must have a master in computer science or mathematics and should fulfill most of the following requirements:**

- Scientific expertise in the field of (biomedical) 3D image analysis with a strong mathematical background
- Knowledge in medical visualization and human computer interaction
- Good knowledge of Java including practical programming experience
- Very good English knowledge in speaking and writing; German is appreciated, but not required
- Tenacity in problem solving and willingness to learn

**We aim at increasing the percentage of female researchers at VRVis and especially encourage qualified women to apply.**

**Your application should include:**

- Curriculum vitae
- Publication list, including talks, master thesis, projects that are online available, etc.
- A short personal statement, why you in fact apply for this position
- Names of references

If you are interested in the position, please apply until **1st of October 2010** via email to **Katja Bühler (buehler@vrvis.at)**. After this date further applications will be considered until the position is filled.

Vienna, September 2010