

# Thomas Schlegl



<b>Research Group:</b>	<b>Computational Imaging Research (CIR) Lab</b>
<b>Department:</b>	<b>Department of Biomedical Imaging and Image-guided Therapy</b>
<b>Current academic degree:</b>	Dipl. Ing.
<b>Previous University:</b>	Vienna University of Technology
<b>PhD Thesis:</b>	Learning on large-scale biomedical imaging data
<b>Project title:</b>	Learning on large-scale biomedical imaging data
<b>Project description:</b>	

In general, medical imaging produces a wealth of complex and largely unstructured information. Typical radiology departments generate hundred thousands of images or volumes per year, most of them assessed and reported on by radiologists. Together image- and textual information comprise a rich source of potential insight into epidemiology or imaging markers, and a crucial reference during clinical routine.

In the proposed work we process large datasets of textual and visual data, to explore structure in the underlying latent information, compute appropriate representations for further classification tasks and link the extracted semantic and visual representations.