



Heidelberg University

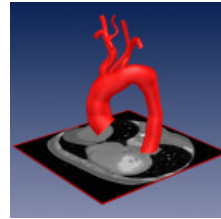
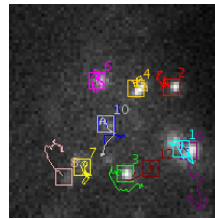
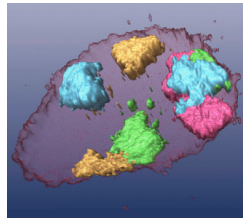
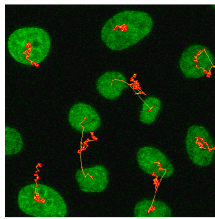


## PhD Position Biomedical Image Analysis

offered in the

Biomedical Computer Vision Group

Heidelberg University, BioQuant Center, IPMB, and DKFZ



The research group Biomedical Computer Vision (BMCV) currently offers a PhD position in the field of Biomedical Image Analysis. The task is the development of methods for automated analysis of biomedical images based on Deep Learning. The aim is to improve medical diagnosis and therapy. The work is carried out in cooperation with biomedical partners at Heidelberg University Hospital and the DKFZ Heidelberg.

The BMCV group develops methods and algorithms for automated analysis of biological and medical images, in particular, cell microscopy images and medical tomographic images. A wide spectrum of methods is investigated including segmentation, tracking, registration, and machine learning. The group achieved excellent results in international competitions on tracking.

Candidates must have a Master's (Diploma) degree in Computer Science, Electrical Engineering, Medical Informatics, Biomedical Engineering, Bioinformatics, Applied Mathematics, Physics, or a related discipline. We expect experience in Image Analysis and Deep Learning as well as good mathematical and programming skills. Candidates should be highly motivated, team-minded, and interested in interdisciplinary research.

Please send your application per E-Mail to:

PD Dr. Karl Rohr

Heidelberg University, BioQuant, IPMB, and DKFZ

Biomedical Computer Vision Group

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<http://www.bioquant.uni-heidelberg.de/bmcv>

15.7.2019