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 and software for automated analysis of biomedical images using Deep Learning. The aim is to improve medical diagnosis and therapy. The work is carried out in cooperation with biomedical partners.

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. A focus is on deep learning methods. 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. Experience with software development systems and software container techniques are also expected. Candidates should be highly motivated, team-minded, and interested in interdisciplinary research.

Please send your application per E-Mail to:
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15.9.2019