Postdoctoral Position in Computer-aided Lung Image Analysis

A post-doctoral fellowship is available in the Department of Electrical and Computer Engineering at the University of Iowa. Responsibilities will primarily include the research and development of novel algorithms for the quantitative analysis of 3D/4D Multidetector Computed Tomography (MDCT) lung images. The fellowship provides an opportunity to work in an interdisciplinary team at the Iowa Institute for Biomedical Imaging (IIBI).

Applicants must hold a PhD degree in Computer Science, Biomedical Engineering, Computer Engineering, or closely related field. A strong background in medical image analysis and/or computer vision as well as expertise in C++ programming is expected. The ideal candidate must be highly motivated and willing to work in an interdisciplinary team. Experience in General-Purpose computation on Graphics Processing Units (GPGPU) is desirable, but not mandatory.

The position is initially for one year and is extendable up to three years, based on mutual agreement. This position is immediately available, and the start date is negotiable.

The application must include the following:

- cover letter highlighting the candidate’s suitability for this position;
- curriculum vitae;
- up to three selected publications or preprints of the candidate that are most relevant to this position;
- two letters of recommendation.

The application should be sent by e-mail (see below). The position is immediately available until filled. Please feel free to contact Dr. Beichel if you have any questions.

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