



JOHANNES GUTENBERG  
UNIVERSITÄT MAINZ

## Post-Doctoral Research Fellow in GPU Computing

The Institute of Computer Science at the Johannes-Gutenberg University (JGU) Mainz invites applications for a postdoctoral researcher position in the group of Professor Bertil Schmidt (<http://hpc.informatik.uni-mainz.de>). The successful candidate will work in a newly funded project in the cutting edge area of designing and implementing parallel algorithms for Bioinformatics on CUDA-enabled GPUs.

### You will

- Design and implement efficient parallel algorithms for bioinformatics using CUDA
- Work in close collaboration with other project partners
- Write scientific papers

### Requirements

- PhD in Computer Science, Computer Engineering, Mathematics, Bioinformatics, or related areas
- Strong programming skills in C/C++
- Strong knowledge of algorithmic techniques
- At least one first author paper in a reputable international peer-reviewed journal or conference
- Excellent written and spoken English
- Motivated to work in interdisciplinary research projects

### We offer

- The possibility to work on cutting-edge projects using state-of-the-art technology in collaboration with academic and industrial project partners
- A stimulating, diverse and international research environment
- TVL-13 salary scale (Wissenschaftlicher Mitarbeiter).

To apply, please email a cover letter, your CV (in English), contact address of at least two professional referees and certificates of your degrees to Professor Bertil Schmidt: [bertil.schmidt@uni-mainz.de](mailto:bertil.schmidt@uni-mainz.de).

- **Starting Date:** 01-August-2013 (or later).
- **Duration:** 2.5 years.
- **Application Deadline:** 30-June-2013