PhD Student or Post-Doc in Parallel Computing (Wissenschaftlicher Mitarbeiter TVL-13 100%)

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://www.hpc.informatik.uni-mainz.de). The successful candidate will work in cutting edge area of designing and implementing parallel algorithms on various architectures (such as CUDA-enabled GPUs, CPU clusters).

You will

- Design and implement efficient parallel algorithms for scientific applications (e.g. bioinformatics, computational physics, big data)
- Work in close collaboration with other project partners
- Write scientific papers
- Teach tutorials

Requirements

- PhD or MSc in Computer Science, Mathematics, Physics, or related areas
- Programming skills in C
- Knowledge of algorithms and their mathematics analysis
- 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

- **Starting Date:** early/mid 2016