One Phd studentship (EU student) up to 5 PhD studentships (International students) - The University of Manchester

- One PhD studentship on Managed Runtime Environments for Many-core Architectures (EU citizen required).
- Up to 5 EPS PhD studentships (no nationality restriction) covering the interest of the Advanced Processor Technologies Group. http://apt.cs.man.ac.uk

The University of Manchester is one of the UK's top research-led universities boasting a proud record of excellence in research. The University has a long and distinguished record in the fields of Computer Architecture, Computer Systems and High-Performance Parallel Computing. The School of Computer Science was ranked first in England as measured by research strength in the 2008 Research Assessment Exercise. It is also ranked 4th in Europe in the most recent ranking of world universities in Computer Science by the Shanghai Jiao Tong University.

The Advanced Processor Technologies (APT) group has a wide range of activities related to Computer Architecture and Systems research. APT continues to influence industry with commercialisation examples such as the ICL Goldrush Database server, Amulet processors (Low-power architectures) bought by ARM Ltd., Transitive Corporation (Virtualization and Binary Translation) bought by IBM and Silistix Ltd (Networks-on-Chip).

If you are interested in Virtualization technologies or Just-in-Time compilation, there is one funded position starting between April & July 2011. Send an email, including CV, to mikel.lujan@machester.ac.uk with subject "APT MRE PhD [your surname]" to express your interest. The deadline for applications is 31/Mar/2011. EU citizenship is required due to the funding source.

For international applicants, visit the current research projects to learn more about our research portfolio:
- SpiNNaker: a universal Spiking Neural Network architecture
http://apt.cs.man.ac.uk/projects/SpiNNaker/
- Research in Many-core architectures & Programming Models
http://apt.cs.man.ac.uk/projects/TM
http://www.teraflux.eu
- GALAXY: Globally asynchronous, locally synchronous interface for complex digital system integration.
http://apt.cs.man.ac.uk/projects/galaxy/
- iTLS: Intelligent run-time parallelization in managed runtime environments (e.g. Java Virtual Machines).
http://apt.cs.man.ac.uk/projects/iTLS

The deadline for applications is also 31/Mar/2011 and these 5 new EPS studentships provide full fees plus living expenses of £14,000 per annum for three years. General information about PhD studies at Manchester and how to apply can be found at http://www.cs.manchester.ac.uk/phd/