

Ph.D. Scholarships

Institute of Computer Science, University of Tartu, Estonia

Posted on: 10 February 2010.

Distributed Systems Group at University of Tartu's Institute of Computer Science is inviting applications for multiple PhD positions to undertake research in the following topic areas:

- Deporting scientific computing applications to the cloud platforms
 - Reducing scientific computing problems to parallel and distributed computing algorithms like MapReduce.
- Enterprise and cloud computing
 - Using cloud infrastructure for surge computing
 - Refactoring enterprise applications for cloud computing
 - Cloud computing and mashups
- Collaborative mobile applications
 - Developing social network and mashup applications for mobile devices

The scholarships are for a period of four years, at a rate of EUR 800 per month (after taxes). In addition, travel expenses will be reimbursed to successful applicants relocating from abroad. The scholarship package will also provide funds to participate in conferences, workshops, and/or summer schools during the PhD studies. The Institute participates in the Estonian Centre of Excellence in Computer Science which provides an environment for the development of PhD students and young researchers.

The successful applicants will have:

- A Master's degree in Computer Science, Information Technology, Computer Engineering or a related field, awarded no later than June 2010.
- Strong software development skills
- Good knowledge or interest in scientific computing
- Excellent communication skills and proficiency in English
- Preferably: demonstrated knowledge and skills in at least one of the above topic areas

Please send a curriculum vitae, a statement of interest in one of the proposed research topics and a copy of academic transcripts, to Prof. Eero Vainikko (eero . vainikko [ät] ut . ee).

Applications will be accepted until 10 March 2010. Successful applicants are expected to start in July 2010.