



PhD Program between the Freie Universität Berlin (FUB) and the China Scholarship Council (CSC) Open PhD position for CSC scholarship candidates 2015

The PhD position is only offered to Chinese PhD candidates for application in the framework of the FU-CSC Program.

Department/Institute: Department of Mathematica and Computer Science, Institute of Computer Science
Subject area: Dependability of Distributed Systems and Networks
Name of Supervisor: Prof. Dr. Katinka Wolter
Number of open positions: 2
Project title: Analysis of large distributed systems

Project description:

Large distributed systems require special methods to achieve fault-tolerance. Distributed algorithms are more fault-tolerant when using stochastic elements. The objective of this project is to investigate large-scale data management using stochastic algorithms as well as analysing the related data. The project aims at mastering large amounts of data for distribution fitting and correlation analysis. The project further includes the development of distributed algorithms by adding probabilistic elements for fault-tolerance.

Language requirements:

Good knowledge of English is a must. At least level C2. Some knowledge of German is beneficial, but not essential.

Academic requirements:

Master's degree in Computer Science, Computing or any closely related subject.

Link to professor and further information:

Please note:

In a first step the complete application should submit to the Beijing Office for evaluation by January 4th. Please don't contact the professor before. She will get in contact with you after having received the complete application in January.