



PhD Program between the Freie Universität Berlin (FUB) and the China Scholarship Council (CSC)

Open PhD position at FUB for CSC scholarship candidates 2016

Please note: the PhD position is only offered to Chinese PhD candidates for application in the framework of the FUB-CSC PhD Program.

<u>Department/Institute:</u>	Mathematics and Computer Science
<u>Subject area:</u>	Computer Science, Dependability, Cloud Computing, Big Data
<u>Name of Supervisor:</u>	Prof. Dr. Katinka WOLTER (Ms.)
<u>Number of open PhD positions:</u>	2
<u>Type of the PhD Study:</u>	Full-time
<u>Project title:</u>	Analysis of Cloud Computing strategies

PhD Project description:

Stream processing in large Cloud systems faces many real-time and load-balancing issues. This project targets model-based solutions of those problems using existing data. The work will be less system building but rather data analysis and development of tools for advanced data analysis as well as development of mathematical models to design suitable streaming policies and fault-tolerance methods for Cloud applications.

Language requirements:

Proficiency in English is a must.

Academic requirements:

Master's degree in Computer Science, Mathematics or a closely related discipline.

Information of the professor or research group leader:

Prof. Dr. Katinka Wolter is heading the Dependable Systems group at Freie Universität Berlin, <http://www.mi.fu-berlin.de/inf/groups/ag-tech/staff/0Current/wolter.html>. We are working on dependability aspects in large, complex distributed systems and networks.

Please note:

In a first step the complete application should submit to the Beijing Office for evaluation by January 4th, 2016. Please don't contact the professor before. He/She will get in contact with you after having received the complete application in January.