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

Open PhD Position at Freie Universität Berlin, offered only to Chinese CSC scholarship candidates 2020

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

Department/Institute: Department of Mathematics and Computer Science
Subject area: Computational Systems Biology
Name of Supervisor: Prof. Dr. Alexander Bockmayr
Number of open PhD positions: 2
Type of the PhD Study: Full or Sandwich Type
Project title: Constraint-based modeling of metabolism and regulation

PhD Project description:

The goal of the project is to develop new mathematical methods and computational tools for modeling and analyzing metabolic networks and their regulation. The student should have a strong background in mathematical modeling and optimization, especially using methods from discrete optimization. In addition, basic knowledge of molecular biology and biochemistry is required.

Language requirements:

- IELTS: 6,5 oder TOEFL: 95 ibt

Academic requirements:

Master of Science in Mathematics or Bioinformatics (or an equivalent degree).

Experience in programming and software development.

Information of the professor or research group leader (website, awards etc.):

http://page.mi_fu-berlin.de/bockmayr/
**Please Note:** In a first step, the complete application should be submitted to csc@international.fu-berlin.de for evaluation by January 4th, 2020. Please do not contact the professor before. He/she will get in contact with you after having received the complete application via the Beijing Office in January.