Freie Universität Berlin – Ciência sem Fronteiras (CsF) Program 2015

Open Position for CsF candidates 2015

Department/Institute:	Institute of Mathematics
Subject Area:	Mathematics in Life Sciences
Name of Supervisor:	**Prof. Dr. Alexander Bockmayr**
Number of Positions:	**1**
Type of Positions	PhD or Postdoc
Project Title:	Mathematical Systems Biology
Project Description:	The general topic is mathematical modeling for systems biology. The focus can be either on developing new mathematical approaches (e.g. continuous, discrete, stochastic, hybrid) for modeling and analyzing molecular networks (e.g. metabolism, gene regulation, signal transduction) and/or applying mathematical modeling to study specific biological systems. In the first case, students should have a strong mathematical background with interest in biology, in the second case a strong biological background with some experience in modeling.
Academic Requirements:	MSc in Mathematics or Bioinformatics/Computational Biology (or equivalent)
Language Requirements:	English (fluent; excellent writing skills)
Further Information:	http://www.math.fu-berlin.de/en/groups/mathlife/
Further Information on Ciência sem Fronteiras at FU Berlin	http://www.fu-berlin.de/en/sites/brazil/Ci__ncia_sem_Fronteiras/index.html
Application	http://www.csf-alemanha.de/pt/ While applying online via this website, please make sure to also upload or send a copy of the following documents to saopaulo@fu-berlin.de: -letter of application; -academic CV (including former study programs, internships, publications); -one or two letters of recommendation of distinguished professors of your university. Some of the above documents are also required by Capes, but FU

Berlin needs an **English or German version of each of the listed documents**. The documents are required by the individual institution responsible for the acceptance process. They may enhance your chances to get accepted. A decision cannot be made unless they have fully been transmitted. For further questions, please contact saopaulo@fu-berlin.de.