3-year PhD position: Medical Data Science

We search for: Excellent young scientists with a master's degree or equivalent in statistics, physics, mathematics, computer science, or related fields. In the course of your studies, you should have experience in large-scale data analysis, data-driven simulation & modelling techniques, empirical network analysis, or related fields in machine learning and computational science. The candidate must have a critical, open-minded and collaborative spirit.

We offer: A fully funded 3-year PhD position in an internationally renowned research group located in Vienna, Austria. The successful candidate will have the opportunity to work in the seminal field of big data analytics with direct applications to health and medicine. You will work closely with researchers at the *Complexity Science Hub Vienna* and with our clinical collaboration partners from the Medical University of Vienna.

Your profile: You should have collected relevant research experience during the completion of your Master Thesis or equivalent; you must be proficient in English both written and spoken. We expect you to have the proven ability to independently carry out data-intensive research as exemplified by your past works that showcase your strong programming and mathematical skills.

Application: Candidates send their application material to cosy@meduniwien.ac.at with the subject line: "PhD Application: Medical Data Science". Application material includes a CV, list of publications (if any), a detailed research statement (why do you think you are an excellent candidate), and any additional material showing your mathematical excellence, computational skills, and creativity. Please, also include names and full contact addresses of at least one individual that is willing to write a letter of reference for you.

The position is available starting from March 2019 and will remain open until filled.

We are: The Section for Science of Complex Systems is a world-leading research group working in the theoretical foundations of complexity and its applications for science and society. We are a part of the Complexity Science Hub Vienna, a recently established center that seeks to become the focal point of complexity science in Europe. We seek to provide an exciting, creative environment free of bureaucratic constraints for open-minded visionaries who are brave enough to step out of mainstream science. Please, have a look at our websites to get to know us and our work:

http://www.complex-systems.meduniwien.ac.at/about/

https://www.csh.ac.at