JOB ADVERTISEMENT

The Complexity Science Hub Vienna is a growing international research institute in the area of complexity and big data science. The objective of CSH is to host, educate, and inspire complex systems scientists who are dedicated to collect, handle, aggregate, and make sense of big data in ways that are directly valuable for science and society. We are hiring a

DATA SCIENTIST – DATA HANDLING
FULL TIME

for the development of new methods in multilayer networks, big data, data analysis, and ambient computing.

RESPONSIBILITIES

Responsibilities include the handling of big data with current data processing tools (SQL, NoSQL, etc.), software engineering, data-driven research, network analysis, mathematical modelling and agent-based modelling.

REQUIREMENTS

- PhD in (theoretical or computational) physics, mathematics, or computer science;
- Interest in mathematical/theoretical aspects of network science, complex systems and their application for systemic risk;
- Experience with databases, data structures, and visualization;
- Experience with standard tools of Unix-like operating systems;
- Minimal language requirements: SQL, C, Matlab, competence in handling data sets in different formats; Experience with PostgreSQL is an advantage;
- Excellent command of English;
- Strong analytical skills;
- Proactive, self-organized, and team-oriented personality;
- Critical, open-minded and collaborative spirit.

APPLICATION

If you are excited to work in an international research environment in the heart of Vienna, we invite you to apply for this position until September 15, 2016. Please email your application material (cover letter, CV, publication list, references, and certificates) in a single PDF to office@csh.ac.at.

We offer a contract with an initial duration of 36 months (with the possibility of extension thereafter), the salary follows PostDoc rates according to Austrian Science Fund rates.