

JOB ADVERTISEMENT

The **Complexity Science Hub Vienna** is a young research institution dedicated to gaining a deeper quantitative and predictive understanding of complex systems. We provide an exciting, creative environment free of bureaucratic constraints for open-minded visionaries who are brave enough to step out of mainstream science. We are hiring a

POSTDOCTORAL RESEARCHER – COMPUTATIONAL SOCIAL SCIENCE, RESEARCH GROUP ON SOCIAL COMPLEXITY AND COLLAPSE

We seek an excellent creative and highly motivated researcher with a PhD in a discipline related to computational/analytic social science (e.g., statistical analysis of large databases, building dynamical models of complex systems). The candidate must have high interest in multidisciplinary research, a genuine curiosity about the dynamics of human societies, and a critical, open-minded, and collaborative spirit. Specific goals of this position include building agent-based models for the evolution of complex societies, and for their collapses.

RESPONSIBILITIES

The successful candidate will play a leading role within an already funded project, designing, managing, executing, and publishing research in collaboration with other researchers at CSH and elsewhere. The position is tied to the CSH Research Group on Social Complexity and Collapse and you will work in collaboration with historians, archaeologists, and social scientists to analyze and model the evolution of complex societies over the past 10,000 years, as well as why they periodically experience social and state breakdown.

YOUR PROFILE

You already hold a PhD degree and are proficient in the English language, both written and spoken. We expect you to have the proven ability to carry out research independently, as exemplified by past work that showcases your strong analytical and modeling skills. Good knowledge and experience in computational modeling, statistical analysis, and data science is required. Experience in programming languages for data retrieval and statistics (for example, Python and R) as well as formal education in the social sciences, archaeology, or history will be considered a plus.

WE OFFER

- a fully funded postdoctoral position for an initial period of two years
- a salary and benefits according to Austrian standards
- a highly international and interdisciplinary research environment that attracts outstanding PhD students and postdocs.

APPLICATION

Your application includes a curriculum vitae, list of publications, a brief research statement (why you think you are an excellent candidate and what research you would like to do with us), and any additional material that helps us to understand that you are research-oriented, technically skilled, and creative. Please also include names and full contact addresses of at least two individuals who are willing to write a letter of recommendation for you if we request it. We especially encourage female researchers to apply.

Candidates should send their application material to turchin@csh.ac.at and office@csh.ac.at with the subject line: "Postdoc in Social Complexity and Collapse."

First application deadline: **July 15, 2020**. Further applications will be screened until the position is filled.