# JOB ADVERTISEMENT

The Complexity Science Hub Vienna is a new and expanding international research institution in the area of complexity and Big Data science. We are hiring an exceptionally strong and internationally experienced

# GROUP LEADER – SOCIAL COMPLEXITY AND COLLAPSE

The group leader has the vision and capacity to studying the processes responsible for the emergence and resilience of complex societies and their collapse. Bringing together computational technologies, data analytics, and historical and archaeological digital data will enable the group to answer questions about why, and how social complexity evolves and what might be typical prerequisites for collapse.

## RESPONSIBILITIES
During the next five years the group should build mechanism-based models of both, the evolution of social complexity and its periodic declines, and test their predictions against historical and archaeological data. This is a pure research position — no teaching, no admin work is expected.

## YOUR PROFILE
You combine analytical skills and a scientific track record and enthusiasm for history and archaeology. Mathematical and modelling skills are necessary. You have experience in true interdisciplinary work. You are willing to build and lead a team. You have proven your ability to independently carry out and lead data-intensive research with top-quality publications that showcase your modelling of social systems, programming, and mathematical skills. You are proficient in English.

## WE OFFER
- a 5 years contract with the possibility of extension.
- a competitive start-up package and salary, including two funded research assistant positions that can be appointed by the group leader.
- a highly international and interdisciplinary research environment that attracts outstanding PhD students and postdocs.
- support for acquiring third-party funds (not obligatory).

## APPLICATION
Your application includes a curriculum vitae, list of publications, a research statement including a description of your scientific accomplishments and vision for your future research activities, as well as any additional material showing your mathematical excellence, computational skills, and creativity. Please also include full contact addresses of at least two individuals that are willing to write a letter of reference for you.

We especially encourage female researchers to apply.

Shortlisted applicants are invited for interviews, which are planned for September/October 2019.

We invite you to apply for this position by July 15, 2019. Please email your application material with the subject line "GL Social Complexity and Collapse" to office@csh.ac.at.