

## 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 – COMPUTATIONAL SOCIAL SCIENCE

The group leader has the vision and capacity to create and coordinate a new team in the emerging field of data-driven computational social science, focusing on studying analytical, computational and data-driven models of human cooperation, social structures, opinion formation and spreading, cohesion, conflict etc. A focus should be on understanding social phenomena on a systemic level from understanding local social actions and interactions.

### RESPONSIBILITIES

During the next five years the group should build mechanism-based models to explore a wide class of relevant and timely social issues such as inequality, discrimination, and polarization by developing quantitative generative and analytical models of social networks and validating them with actual digital behavioral data. This is a pure research position — no teaching, no admin work is expected.

### YOUR PROFILE

You combine analytical, computational, modelling and data-analytics skills and have substantive experience in 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 positions (Post-Doc or PhD) 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 your vision for your contributions to science, a list of your scientific accomplishments, as well as any additional material showing your creativity, mathematical excellence, and computational skills. Please include full contact addresses of two individuals willing to write a letter of reference for you.

We especially encourage female researchers to apply.

This call remains open until the position is filled. Please email your application material with the subject line “GL CSS Cooperation” to [office@csh.ac.at](mailto:office@csh.ac.at).