

Postdoctoral Position

Misinformation, False Narratives, Group Dynamics
Complex Collective Behavior Team @ CSH Vienna
€ 56.861 gross per year*



* according to the standard personnel costs and salaries of the Austrian Science Fund FWF

The [Complexity Science Hub Vienna](#) is a young research institution dedicated to a deeper quantitative and predictive understanding of complex systems for the betterment of society. We provide an exciting, creative, bureaucracy-free environment for open-minded visionaries who want to make a change and are brave enough to step out of mainstream science.

POSTDOCTORAL POSITION in MISINFORMATION, FALSE NARRATIVES, GROUP DYNAMICS

Every year, political campaigns spend enormous resources to spread information in a directed way. In contrast, there are powerful, distributed forms of information spread that sometimes coalesce into social movements such as the Tea Party, QAnon, and #MeToo. We would like to study the two modes of information transmission in the political ecosystem especially with respect to social movements, how the modes compare, and how they interact.

We will build a functional map of the political ecosystem starting from the ground up, incorporating data from the virtual and real worlds. Then, we will characterize the social, physical, and temporal footprints of actor networks to understand their life cycles and roles in the political ecosystem.

WE SEARCH FOR

A highly motivated candidate to join a rapidly moving project on the study of complex political ecosystems. The ideal candidate will have a background relevant to temporal networks, network dynamics, and statistical inference. Applications to social networks are a plus. In addition, we will look for a strong background in coding with numerical simulations and large data sets and an interest in policy applications for the resulting research beyond the academic world.

YOUR PROFILE

You can demonstrate a strong research background including the ability to carry out independent research as shown by publications (or pending publications), conference proceedings, and/or policy briefs. In addition, you are a proficient programmer and are capable with large data sets. You are ready to jump into a rapidly moving project.

WE OFFER

We are offering a 2-year position for a postdoctoral researcher to work with Eddie Lee in the Complex Collective Behavior team at the Complexity Science Hub Vienna, Austria. The successful candidate will have the opportunity to work at a highly interdisciplinary interface and will benefit from opportunities for a dynamic, collaborative, and international research environment.

APPLICATION

To apply, please send your CV, a motivation letter that includes your vision (What is your vision for scientific research? What would you like to discover in your future scientific life? Why are you interested in the topic of information cascades?) as well as any additional material that helps us understand that you are the right person for this position, with the subject line "Postdoc Information Cascades" to applications@csh.ac.at. We will start evaluating applications immediately. Please also include the full contact details of two referees. All these materials should be in PDF format when possible and titled "[YOUR_NAME]_Lee_Postdoc_[DOCUMENT_TYPE].pdf".

CSH is committed to the principle of equal employment opportunity for all applicants. All employment decisions are therefore based on job requirements, qualifications, merit, and organizational needs. We strongly encourage individuals from underrepresented groups to apply. The CSH Vienna processes your personal data in accordance with the law (www.csh.ac.at/data-protection/).