

PhD Positions

Migration and Complexity

Complexity Science Hub

€ 34.500 gross/year*, part time (30h)



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

The [Complexity Science Hub](#) 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 and creative environment for open-minded visionaries who want to make a change and are brave enough to step out of mainstream science.

TWO 3-YEAR PhD POSITIONS ON MIGRATION AND COMPLEXITY

WE SEARCH FOR

Two excellent young scientists to join a new research team focused on studying the socio-economic implications of international migration for sending and receiving economies and the dynamics of migrant networks. The findings will be relevant to migration policy.

YOUR PROFILE

- Master's degree or equivalent in quantitative science (mathematics, economics, computational social science, data science, computer science, network science, statistics, human geography, or related fields).
- Interest in pursuing research on the topic of migration.
- Ability to independently carry out data-intensive research as exemplified by past work (e.g., your Master thesis).
- Strong programming skills (e.g., Python, R, MATLAB).
- Strong communication skills and are proficient in both written and spoken English.
- Enthusiasm about working in an interdisciplinary team.
- Open-minded about learning skills outside your current specialization.

YOUR RESPONSIBILITIES

- Model different patterns formed by people moving between distinct locations and conduct policy-relevant research on migration under the supervision of faculty and researchers at the Complexity Science Hub.
- Conduct research that can be published in peer-reviewed journals.
- Meet regularly with your supervisors to discuss progress and resolve problems.
- Present your work in progress at CSH seminars and international conferences.

WE OFFER

A position in a dynamic, creative, internationally oriented, appreciative, and open working environment. The various projects at CSH will allow you to engage in new and relevant topics and collaborate with world-renowned scientists. Annual travel budget for conferences, summer schools, and workshops. The successful candidate/s will be supervised by Rafael Prieto-Curiel and Stefan Thurner.

APPLICATION

Please send your application material to applications@csh.ac.at with the subject line "Application PhD Migration". Application material includes a CV, a list of publications (if applicable), master's degree, and a one-page vision letter (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 migration?), and any additional material demonstrating your creative thinking, mathematical excellence, and computational skills. Please also include the names and contact addresses of at least two individuals willing to serve as your referees. The evaluation of applications will start immediately. The call will remain open until the positions are filled.

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