

Group Leader: Science of Green Transition

Full time

Complexity Science Hub Vienna



COMPLEXITY
SCIENCE
HUB
VIENNA

The Complexity Science Hub is a unique institution in Europe for research on complex systems. More than 70 established scientists develop directly applicable insights for societal issues in the fields of health and data-driven medicine, climate research, mobility, risks in supply chains, social cohesion, and democracy. We are hiring an exceptionally strong and internationally experienced

GROUP LEADER – SCIENCE of GREEN TRANSITION

The group leader has the vision and capacity to push forward scientific topics that are necessary for the “green transition”. These topics can include financial (green stress testing), economical (production networks), environmental (ecological stress testing) aspects, mobility, energy, or other. During the next five years, the team should develop and model new strategies for necessary changes in financial-, economic-, and ecosystems, infrastructure, and the corresponding expected social impacts. The overarching goal is to identify optimal scenarios for a successful green transition.

YOUR PROFILE

You have a strong quantitative background (applied mathematics, physics, network, computer, or data science, or equivalent skills). Experience in economics, the social or environmental sciences and the willingness for interdisciplinary quantitative research is necessary. Strong modelling skills are required. Ideally, you have experience in interdisciplinary work and are willing to build and lead a new research team. You have demonstrated your ability to independently carry out and lead data-intensive research that shows your modelling and quantitative skills. You are proficient in English.

WE OFFER

- a temporary contract with an initial duration of 5 years with the possibility of extension,
- a competitive start-up package and salary, including two funded research assistant positions who will be chosen by the research team leader,
- a highly international and interdisciplinary research environment that attracts outstanding PhD students and postdocs in Vienna,
- support for acquiring third-party funds.

APPLICATION

Your application includes a curriculum vitae (with list of publications), a research statement including a description of your scientific accomplishments and planned research activities, and any additional material showing your mathematical excellence, computational skills, and creativity. Please also include names and 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.

This call remains open until the position is filled. Please email your application material with the subject line “GL Science of Green Transition” to applications@csh.ac.at.