

PhD Position

Supply Network Modelling and Analysis

Complexity Science Hub Vienna

€ 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 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.

PHD POSITION IN SUPPLY NETWORK MODELLING AND ANALYSIS

WE SEARCH FOR

We are looking for an excellent young scientist with a Master's degree (or equivalent) with a quantitative focus (e.g., data science, physics, mathematics, economics, operations research, supply chain management). In your Master's thesis, you have successfully shown your quantitative research skills. You have the ability to independently carry out data-intensive research and show good programming (e.g., Python, R), modelling and quantitative skills. Knowledge of databases and web-mining is a plus. Proficiency in English (written and spoken) is a prerequisite.

We search for critical thinkers that are open-minded, have a collaborative spirit and feel comfortable within an interdisciplinary environment cutting across network science, supply chain management, economics, and complex systems. We encourage you to apply if you are eager to understand supply and production networks on a regional and international level, get your hands on real data and collaborate with industry and policy stakeholders.

WE OFFER

A fully funded 3-year PhD position in an exciting research environment at the Complexity Science Hub (CSH) Vienna, close collaboration with colleagues from the Supply Chain Intelligence Institute Austria (ASCI) Vienna, the Austrian Economic Research Institute (WIFO) and the Logistikum at the University of Applied Sciences Upper Austria, next to access to a network of world-renowned researchers and a great community of talented, young and motivated PhD and Postdoc researchers. The PhD will be supervised by Stefan Thurner.

APPLICATION

Please send your application material to applications@csh.ac.at with the subject line "PhD Supply Network Modelling and Analysis". The application includes a curriculum vitae, a list of publications (if applicable), a brief research statement (why you think you are an excellent candidate in this topic and what research you would like to do with us), and any additional material that helps us to understand that you are research-oriented, technically skilled, and creative. Please also include names and full contact addresses of at least two individuals who are willing to write a letter of recommendation for you if we request it.

We will begin evaluating applications immediately, and the announcement will remain open until the position is filled. CSH is committed to equal opportunity for all applicants. Hiring decisions are based on job requirements, qualifications, merit, and organizational needs. Priority will be given to minority students and those committed to promoting inclusion, equity, and improving scientific processes. We process your data in accordance with legal requirements (<https://www.csh.ac.at/data-protection/>).