

## **PD position: Complex Systems – Systemic Risk on Dynamical Networks**

**We offer:** A fully funded PD position within a cutting edge research project and training with leading experts in the field of complex systems, network science, statistical physics. We offer an employment contract for two years with a salary according to Austrian standards. The successful candidate will work closely with the researchers in the group. The project is carried out in collaboration with the research group *Multiscale and Stochastic Dynamics* at Technical University Munich. The working environment will be at the Medical University of Vienna and at the Complexity Science Hub Vienna.

**We search for:** Excellent creative scientists with a PhD or equivalent in (theoretical or computational) physics or mathematics, computer or network science. The candidate must have interest in the mathematical/theoretical aspects of complex systems, network science and their application for systemic risk. The candidate must have a critical, open-minded and collaborative spirit.

**Your profile:** You must be proficient in English. Other language requirements are C and Matlab or equivalent, and experience in writing scientific papers.

**Application:** Candidates send their application material to [cosy@meduniwien.ac.at](mailto:cosy@meduniwien.ac.at) with subject line: "PD systemic risk / networks". Application material includes a CV, a list of publications, a detailed research statement (why do you think you are an excellent candidate), and additional material that helps us to understand that you are both mathematically excellent, computationally skilled, creative in general, and cooperative. Please also include names and full contact addresses of at least three individuals that are willing to write a letter of reference for you.

**Application deadline:** March 15, 2019

**We are:** The Section for Science of Complex Systems is a research group working in the theoretical foundations of Complexity and its applications. We are part of the Complexity Science Hub Vienna, a recently established center that seeks to become the focal point of complexity science in Europe. The offered position is funded by the Austrian Science Fund. Please, have a look to the website of the group:

<http://www.complex-systems.meduniwien.ac.at/about/>

<https://www.csh.ac.at/>