

PhD positions in Non-Equilibrium Statistical Physics

Applications are invited for a **Research Associate / PhD position** at the Institute for Theoretical Physics at the University of Göttingen, in the group of Prof. Dr. Peter Sollich. The interests of the group cover a broad range of topics within **non-equilibrium statistical physics**. We are looking particularly for candidates with an interest in theoretical modelling of soft and active matter rheology, aging effects in jammed and glassy materials, and non-equilibrium dynamics driven by non-Gaussian noise.

The position will be for a fixed term of three years, with a flexible starting date from May 2018. Funding will be via a 50% (of full-time) research associate contract on the German public sector scale TV-L E13, with a possible increase to 75% after the first year subject to good progress. (A 50% contract currently corresponds to an annual salary of at least 22 032 Euro.)

Candidates should have an excellent university degree in physics, theoretical physics or a related area, with a demonstrated interest in statistical physics and a strong motivation for research; experience with numerical work will be useful. Fluency in written and spoken English is expected. German language skills are welcome but not essential as English is the default language for scientific interactions (seminars, group meetings etc).

The Faculty of Physics is embedded into the Göttingen Campus, which provides an ideal environment for interdisciplinary collaboration, both with other University faculties (e.g. chemistry and mathematics) and with Max-Planck-Institutes, particularly the MPI for Dynamics and Self-Organization. Formal collaborative research centres such as the one on “Collective behaviour of soft and biological matter” (SFB937) support these interactions. For computational work, the Faculty has access to dedicated High Performance Computing facilities.

Candidates should email the following documents (PDF preferred)

- A cover letter summarizing your background and explaining your interest in, and suitability for, the position
- A full CV with an overview of scientific training so far including any research projects carried out, and names of two referees

to peter.sollich@gmail.com. Informal enquiries about the positions can be sent to the same email address.

All applications received by **1 April 2018** will be given full consideration. Later applications will be considered as long as positions remain.

The University of Göttingen is an equal opportunities employer with a particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply. Disabled applicants with equivalent qualifications will be given preference.

The formal advert text can be found at <http://www.uni-goettingen.de/de/305402.html?cid=13379>