

PhD positions in Non-Equilibrium Statistical Physics

The Institute for Theoretical Physics at the University of Göttingen invites applications for two

Research Associate / PhD positions in Non-Equilibrium Statistical Physics

in the groups of Matthias Krüger and Peter Sollich. The interests of the groups cover a broad range of topics within non-equilibrium statistical physics. We are looking particularly for two candidates to work on a recently funded collaborative project on “Dynamics of dense mixtures: Kinetic and thermodynamic effects in non-equilibrium fluctuations, phase separation and structure formation”.

The positions will be for a fixed term of three years, with a flexible starting date from April 2020. Funding will be via a 50% (of full-time) research associate contract on the German public sector scale TVL E-13, with an increase to 75% after the first year subject to good progress.

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. For computational work, the Faculty has access to dedicated High Performance Computing facilities.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply in fields in which they are under-represented. The University has committed itself to being a family-friendly institution and supports its employees in balancing work and family life, and aims to employ a greater number of severely disabled persons. Applications from severely disabled persons with equivalent qualifications will be given preference.

Please send the following documents (PDF preferred)

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

to Prof. Matthias Krüger, email: matthias.kruger@uni-goettingen.de, or Prof. Peter Sollich, email: peter.sollich@uni-goettingen.de. Informal enquiries about the positions can be sent to the same email addresses. All application documents will be deleted after a safekeeping period of 3 months.

The deadline for applications is **11 Feb 2020**. Later applications will be considered as long as the position remains unfilled.

The formal advert texts can be found at <http://www.uni-goettingen.de/de/305402.html?cid=14780> and <http://www.uni-goettingen.de/de/305402.html?cid=14781>