

Stellenausschreibung für eine Wissenschaftliche Hilfskraft

(research assistant, temp.),

Forschungsgebiet (Research focus):

Single-Molecule Magnets (AK JP Dr. Selvan Demir)

We seek a research assistant (PhD candidate) to join our inorganic chemistry team working in the field of organometallic lanthanide chemistry. The focus of our research is the study and development of single-molecule magnets that have great potential applications in the area of data storage and processing. We are interested in understanding the origin of the different relaxation processes occurring in this type of molecules.

Specifically, the goal of the project is to synthesize new radical-bridged multi-metallic lanthanide complexes and study their spectroscopic and particularly magnetic properties by employing various spectroscopic methods (NMR, EPR, IR) and SQUID magnetometry. The research assistant needs to be familiarized with air-sensitive techniques such as Schlenk line or glovebox techniques. Although not a prerequisite, candidates with experience in molecular magnetism will be given priority in the selection process.

As the project is very interdisciplinary, excellent knowledge of scientific English for speaking, reading and writing is required.

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 underrepresented. The university has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. The mission of the University is to employ a greater number of severely disabled persons. Applications from severely disabled persons with equivalent qualifications will be given preference.

*Please send your application (motivation letter, CV, academic certificates and transcript of records) not later than 27th of October 2017 per E-Mail to: **Selvan.Demir@chemie.uni-goettingen.de***

