



GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

The Institute of Computer Science at the University of Göttingen is looking to fill a full (100%, 39.8 hours per week)

Research Assistant (Doctoral/PhD Student)

position within the Computer Networks group with a starting date of September 1st 2014. The contract is a fixed-term contract with a duration of three years. Payment will be made according to the regulations of the 7th Framework Programme of the European Union (FP7) within the scope of the Marie-Curie Actions for Initial Training Networks (MC-ITN).

Project Description

The PhD student will work on the project „Transforming enterprise data centers by consolidation“ within the EU consortium „CleanSky ITN“, which aims to develop innovative ideas for the migration of applications and services within the eco system of cloud computing. For energy saving among multiple data centers, the prevalent approach is to periodically consolidate the IT infrastructure to a smaller number of locations, and mostly through manual determination of an IT transformation plan by using simple rules of thumb. This project will develop an automatic consolidation algorithm which accounts for various aspects of data centers, including energy, costs and resource utilization.

To achieve these goals, a unique combination of academic and industry organisations collaborates in CleanSky ITN. For further information, interested applicants may consult the project webpage (<http://www.cleansky-itn.eu/>).

Applicants Profile

- Excellent scientific degree in Computer Science (Master, Diploma)
- Good knowledge of computer networks and distributed systems
- Ability and motivation to pursue high quality research, including the publication of results in renowned scientific journals
- Excellent analytical skills
- Good programming skills and knowledge of evaluation methodology
- Working experience in the field of cloud computing is an advantage
- Both written and spoken fluency of the English language

Marie-Curie Mobility Requirement

- At the time of recruitment, the applicant must not have lived in Germany for more than 12 out of the past 36 months. If fulfilling this requirement is not possible, it is recommended to apply for a position at one of the partner institutions of CleanSky ITN.

It is explicitly possible to pursue a doctoral degree within the position. The doctorate will be earned in the scope of a regulated PhD programme. Applicants should inform themselves about the programme: <http://www.uni-goettingen.de/en/111933.html>

The University of Göttingen is aiming to increase the ratio of women in those areas, where they are under-represented and explicitly invites applications from women. Severely handicapped applicants will be favoured in case of equal qualification.

Applicants shall submit the usual documents exclusively electronic manner before September 30th 2014. Applications have thus to be submitted via the project webpage, which also contains further information regarding the application process.

Questions regarding the application procedure may be directed at Prof. Dr. Xiaoming Fu (Telefon: +49 551 39-172023) or Mr. David Koll (E-Mail: recruitment@cleansky-itn.eu).