Call for Applications  
**Position as Early-Stage Researcher / PhD student**  
Marie Sklodowska-Curie ITN - European Training Network  
*KnowGraphs: Knowledge Graphs at Scale*

The research group on Analytic Computing at University Stuttgart, Germany, invites applications for An Early-Stage Researcher / PhD student in the areas of knowledge graphs, data engineering, and distributed, deep learning representations of knowledge.

We have started a new project funded by the European Union Horizon 2020 research & innovation programme under the Marie Sklodowska-Curie Innovative Training Networks. The project is entitled "*KnowGraphs - Knowledge Graphs at Scale*"

and offers in total 15 PhD positions (cf. [http://kg.codezen.net/](http://kg.codezen.net/))

The position is assigned the research task "Managing polymorphic knowledge graphs". The challenge is to federate queries of logics- and neural network-based representations of knowledge graphs.

**Eligibility**

The candidate should possess good knowledge either in data engineering, knowledge graphs, or deep learning. Good proficiency in English is required. International experience during your studies or afterwards as well as good social and communication skills are helpful.

The successful candidate will have an MSc in computer science or related discipline and will be willing to collaborate with researchers and industrial partners. This collaboration involves extended research stays with the company OntoText, the developers of GraphDB.

At the time of recruitment (i.e. first date of employment), you must not yet have been awarded your doctorate and must be in the first 4 years (full-time equivalent) of your research career.

At the time of recruitment you must not have resided or carried out your main activity (work, studies, etc...) in Germany for more than 12 months in the 3 years immediately prior to recruitment under this project. Compulsory national service and/or short stays such as holidays are not taken into account.

**Salary**

The salary amounts to German TV-L E13, which is roughly 48.000 Euro income per year.

**Application**

Please submit your application including the usual documents as well as a list of references until March 31, 2020, by email to:

Prof. Dr. Steffen Staab  
E-Mail: steffen.staab@ipvs.uni-stuttgart.de