Several Researchers (m/f/d)
(full-time, initially limited to 2 years)

In order to strengthen our team, the research department Smart Data & Knowledge Services in Kaiserslautern under the direction of Prof. Dr. Andreas Dengel is looking for young graduates of the Master’s program as well as PostDocs in Computer Science. You are an expert in the area of problem solving and ideally have knowledge and experience in the following areas:

- Graph analysis: common graph measurement values / features / algorithms (e.g. page rank, hubs/ authorities); core/periphery identification; community analysis; flow analysis; path search; ...
- Deep Learning: AutoEncoder; Embedding approaches; Explainability; ...
- Data mining: clustering; feature selection; anomaly detection; statistics; dimensionality reduction and visualization
- Experience with: GPU-Computing; Stream Processing; Python, C++, bash, git, docker, Linux; networks; PyTorch, TensorFlow, Keras, Theano, ...
- Visualization: HTML5, JS, CSS; LaTeX,

Our expectations:

- You are prepared to lead projects on your own responsibility. As a PostDoc, you are prepared to take responsibility for topics and teams
- Personally, you are characterized by dedication and self-initiative
- You have good English language skills, are communicative and reliable
- You are a motivated team player and the introduction to new topics is a welcome challenge for you

Your benefits:

- Expand your expertise in cutting-edge areas
- The opportunity to design research topics on your own, develop application-oriented technologies and transfer them into practice
- Excellent industrial contacts and outstanding equipment
- An innovative, agile and professional working environment at one of the most outstanding IT locations in Germany

We look forward to receiving your informative application documents including passport photo, salary expectations and your earliest possible starting date.

Please contact Prof. Dr. Andreas Dengel for further information and send your application via E-Mail to Andreas.Dengel@dfki.de.

The German Research Center for Artificial Intelligence (DFKI) is Germany’s leading business-oriented research institution in the field of innovative software technologies based on artificial intelligence methods. In the international scientific community, DFKI ranks among the most recognized “Centers of Excellence” and currently is the biggest research center worldwide in the area of Artificial Intelligence and its application in terms of number of employees and the volume of external funds. The DFKI cooperates closely with national and international companies.

Priority will be given to applicants with severe disabilities if their professional and personal qualifications are essentially the same. The DFKI intends to increase the proportion of women in science and therefore expressly invites women to apply.