To strengthen our Talking Robots Group in the research department “Multilinguality and Language Technology” in Saarbrücken, we are looking for a

Senior Researcher / Researcher (m/f/d)

The research department “Multilinguality and Language Technology” (MLT) in Saarbrücken is headed by Prof. Dr. Josef van Genabith. The Talking Robots Group aims at long-term situated NL dialogue interaction in various application-oriented settings.

Your tasks include (a subset or combination of): 

- Designing dialogue processing solutions for low-resource domains;
- Natural language interpretation and generation in dialogue;
- Combining rule-based processing and machine learning approaches;
- Integrated multimodal dialogue system development and testing;
- Successful collaboration in (geographically distributed) teams;
- Contribution to scientific publications and research grant applications.

Your qualifications are:

- Degree in computational linguistics, AI, or computer science;
- Excellent research track record and publications in human-machine dialogue;
- Very good programming skills, esp. in Java, C++ and Python;
- Experience with system integration and possibly dialogue system toolkits;
- Excellent language skills in English and German;
- High level of self-motivation.

You can expect the following benefits:

- The opportunity to develop and test innovative scientific ideas addressing challenges in real-world applications for social good.
- An innovative, agile and professional research environment at one of the outstanding IT locations in Germany.
- A dedicated collaborative local team.

One of our relevant projects is INTUITIV, where we are studying intuitive-nonverbal and informative-verbal robot-human communication on use cases set in a rehabilitation clinic environment: giving indoor route directions while accompanying clients to places in the clinic; handling incidental encounters and passing objects. The robots shall exhibit behaviours that help to establish understanding and trust for patients and caregivers in the actions of the robotic system. You will work on dialogue processing and esp. the situated speech output planning and realization in this context.

Please submit your meaningful application by February 29, 2020 as PDF to Ivana Kruijff-Korbayová (ivana.kruijff-korbayova@dfki.de) indicating your earliest possible start date.

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.

Severely disabled applicants and peers are given special consideration if they are equally suitable. The DFKI intends to increase the share of women in the field of science and therefore urges women to apply.