To strengthen our dedicated team in the research department Agents and Simulated Reality in Saarbrücken we are looking for a

**Researcher (m/f/d)**

full-time, initially limited to 3 years

The research department Agents and Simulated Reality, headed by Prof. Dr. Philipp Slusallek, develops innovative methods of Artificial Intelligence (AI), Visual Computing and High-Performance Computing for applications mainly in the areas of Industry 4.0, Smart Living and Autonomous Driving.

**Your tasks:**

- Research and development of AI methods for context-based planning and execution of semantic services by virtual assistants (intelligent agents) for distributed, mobile applications

**Your qualifications:**

- Very good master degree in computer science (or a discipline with significant overlap with computer science) and focus on AI
- Good knowledge, ideally with proven record of publications, in at least two of following fields: Semantic Web, Services Computing, Intelligent Agents, Automated Reasoning and Planning
- Strong programming skills in Java, C++: Web services; ontology engineering (e.g. with Protegé), mobile application development; basic knowledge of agent-oriented programming is of advantage
- Excellent English language skills (speaking and writing)
- Independent, committed and highly team-oriented way of working

**Your benefits:**

- An innovative, agile and professional working environment
- Working in interdisciplinary and European research projects on AI
- Excellent industry contacts
- If appropriate, opportunity to work towards a PhD in computer science

We look forward to receiving your informative application documents and your earliest possible starting date and salary expectation as soon as possible! All incoming applications are considered until position is filled.

Please send your application via E-Mail to PD Dr. Matthias Klusch matthias.klusch@dfki.de and Dr. Oliver Keller oliver.keller@dfki.de

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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.