To enhance our dedicated team in the Plan-Based Robot Control group in Osnabrück, we are looking for several

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

The Plan-Based Robot Control research group, headed by Prof. Dr. Joachim Hertzberg, is working on AI-based algorithms and methods for controlling machines and mobile robotic systems autonomously in a goal-directed way. Application domains include automatized machines in agriculture and in logistics.

Your tasks:

- At the interface between sensor data and knowledge representation, you will co-operate developing methods and software for transforming sensor data streams into persistent environment representation formats for further processing in the context of plan-based robot control.

Your qualifications:

- Academic degree (Master or comparable) in Computer Science or in a subject with a significant amount of Computer Science topics
- Some background and experience in AI and/or Robotics (e.g., ROS, sensor data interpretation, knowledge representation, spatio-temporal reasoning, data bases)
- Good command of the German and English languages

What you can expect from us:

- The opportunity of working interdisciplinary research projects at the interface of AI and Robotics
- Excellent contacts into science and companies
- A very good working equipment
- An innovative, agile, and professional working environment
- Prerequisites given, the opportunity of completing a doctorate degree
- The opportunity of getting involved in academic teaching and in supervising student theses

Please contact Dr. Stefan Stiene for further information. We look forward to receiving your informative application documents and your earliest possible starting date. Please send your application by E-Mail to pbr-info@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.

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.