For the research department Algorithmic Business & Production in Saarbrücken we are looking for a

Postdoctoral Researcher (f/m/d)
(full or part-time, initially limited)

with focus on search algorithms, constraint /SA-solving, decision and game theory, reinforcement learning

Your tasks:

- Research and development in modeling methods and algorithms for the optimal or approximative solution of planning and scheduling problems in various application areas
- Integration of search algorithms, game/decision theory and machine learning
- Contributions to research, development, teaching and consulting

Your qualifications:

- Doctorate or PhD in computer science or mathematics
- Profound knowledge and research expertise in one of the areas mentioned above
- Software engineering know-how and desire to implement own ideas
- Team spirit and interest in working on complex problems from a wide range of application areas (logistics, industry, health care, environment).

Your benefits:

- Manifold opportunities to advance your own career
- Challenges that demand your creativity
- Excellent scientific and industrial contacts
- An innovative, agile and professional research environment at one of leading computer science sites in Germany

We look forward to receiving your informative application documents in electronic form to abp-office@dfki.de until 10.01.2020.

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.