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

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

with focus on mathematical optimization, operations research, modeling of discrete and continuous systems

Your tasks:
- Research and development in modeling and algorithms for complex discrete or continuous optimization problems
- Combination of mathematical optimization methods with AI-based algorithms, compiler technologies, and approximative methods
- Development of methods and tools for various application areas (logistics, industry, health, environment)
- Contributions to research, development, teaching and consulting

Your qualifications:
- Doctorate/PhD or Master in mathematics
- Profound knowledge and research expertise in mathematical optimization and modeling
- Software engineering know-how and desire to implement own ideas in practical software solutions
- Team spirit and interest in working on complex problems from a wide application range

Your benefits:
- Manifold opportunities to advance your own professional 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 at 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.