PhD Position in
Data-driven Operations & Supply Chain Management

The research group Data-Driven Operations Management at the Chair of Logistics and Quantitative Methods at the University of Würzburg is offering a part time (75%) or full-time position as

RESEARCH ASSISTANT (PHD STUDENT)

to be filled as soon as possible. The initial contract will be for a period of three years, but can be extended to a maximum of six years.

Our research is dedicated to the development of novel models and methods that exploit real-life (and oftentimes "big") data to improve decision making in operations, logistics and supply chain management. In our research projects we integrate traditional optimization methods with state-of-the-art methods in machine learning and prescriptive analytics.
Our work is innovative and challenging from a theoretical viewpoint and, at the same time, very relevant to practice — we work with leading industry partners on a number of exciting and highly relevant projects.
We have a strong international focus and our team consists of researchers with diverse backgrounds and skills. We are seeking motivated and highly-skilled individuals to become part of our young and ambitious team.

YOUR PROFILE:

- You hold an undergraduate or graduate degree in a discipline with a quantitative focus (e.g., mathematics, engineering, computer science or physics), and obtained excellent grades.

- You are interested in contemporary research topics in data-driven optimization, logistics and supply chain management.

- You have prior experience in using state-of-the-art tools in optimization and/or statistical analysis (e.g., Python, R).

- Your English skills are excellent, both written and spoken.

- You have good interpersonal skills, are very motivated, and want to be part of a very diverse and enthusiastic team.

YOUR WORK:

You will actively participate in the research of our group, including projects with partners from academia and industry. Most importantly, you will contribute to publications in scientific journals and thereby work on your doctoral dissertation. We also expect you to support our teaching activities within the university's graduate programs in management.

WHAT YOU CAN EXPECT FROM US:

- You will work on challenging and innovative scientific questions in an extraordinarily relevant subject area.

- You will be part of a very energetic team with excellent colleagues and receive outstanding support from the entire research group and, in particular, your doctoral advisor.

- You will benefit from our previous work with industry and have access to a multitude of data-sets that are relevant for research.

- We will provide extensive financial support for your education, e.g., for attending international summer and winter schools, and participation in international conferences.

Please send your application material to Prof. Dr. Richard Pibernik (richard.pibernik@uni-wuerzburg.de).