



## Research Associate (f/m/d)

The **Department of Financial Engineering and Derivatives at the Institute for Finance** addresses current issues in financial market research: How do risk premia arise? What role do frictions play in financial markets? And how do financial intermediaries influence price formation in capital markets? The vacant position is part of the **Research Unit "Financial Markets and Frictions"**, led by Prof. Uhrig-Homburg as spokesperson. As part of one subproject within the research unit, you will contribute to current research and develop your own projects for your doctoral thesis - with close academic guidance and active support.

### Your Tasks

- You conduct research on current questions in financial markets, for instance on risk premia and frictions in financial markets or on the use of machine learning in economic analysis, and develop your own projects from this work that lead to your doctoral thesis.
- You work with large financial market datasets (for example CRSP, Compustat, TRACE or options data) and analyze them in R or Python.
- You apply modern quantitative methods, from classical econometrics to machine learning, and build a methodological profile that is valued well beyond academia.
- You present your results in our research seminars and at national and international conferences.
- You contribute to teaching, for example in tutorials or by supervising theses. This share stays clearly limited. The focus of the position is on research and on your doctorate.

### Your Profile

- You have completed a degree (Master or Diploma) in industrial engineering, business mathematics, business administration, economics, business informatics or a related field with above-average success, or you are about to do so.
- You are interested in economic questions and enjoy examining them quantitatively and thoroughly.
- You bring a solid quantitative foundation. Where specific methods are still missing, you acquire them here with us. We do not expect ready-made specialist knowledge, but the willingness to learn.
- Ideally, you already have some initial experience with a programming language such as R, Python or Matlab, or you are willing to learn one quickly.
- You work in a structured and independent way, keep track even on longer projects, and value exchange within the team.
- You are considering a doctorate. You do not need a finished dissertation topic yet. Serious interest is enough to get started.

### We Offer

#### Science for Impact:

Engage with topics of societal relevance - in an excellent scientific environment that enables change.

**Family-friendliness:** The "KIT-Family+" program assists you in reconciling work and family life by offering childcare services, holiday activities, a parent-child office space, and assistance with caring for relatives.

**Stay Healthy:** Under the motto "Fit at KIT – Body, Mind and Soul," we promote your well-being through fitness classes, mental-health programmes, and regular preventive health examinations.

**Flexible Working Hours:** Take advantage of flexible-hours schemes, remote-work options, part-time models, and a 30-day annual leave entitlement to achieve an optimal work-life balance.

#### Career-Building and Developmental Opportunities:

We provide you with a structured onboarding program, a broad spectrum of continuing-education options, and personalised support, thereby fostering your individual growth.

**Individualised Extra Benefits:** Enjoy a corporate pension (VBL), a €25 monthly contribution toward a JobTicket BW, plus a broad selection of cultural and recreational programmes.

**Job Location**  
Karlsruhe

**Contract Duration**  
fixed-term

**Pay Grade**  
EG 13 TV-L

For further information, please contact **Dr. Marcel Müller** ([Marcel.Mueller@kit.edu](mailto:Marcel.Mueller@kit.edu)).

At KIT we value the diversity of our employees; different perspectives and backgrounds enrich our work. We therefore welcome applications from all candidates. Women are especially encouraged to apply. Applications from recognized severely disabled individuals are given preferential consideration when qualifications are equal.

Please send your application **by 31 July 2026** - preferably electronically - to [derivate@fbv.kit.edu](mailto:derivate@fbv.kit.edu) or by post to

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