



Karlsruhe Institute of Technology (KIT) – The Research University in the Helmholtz Association creates and imparts knowledge for the society and the environment. It is our goal to make significant contributions to mastering the global challenges of mankind in the fields of energy, mobility, and information. For this, about 10,000 employees of KIT cooperate in a broad range of disciplines in research, academic education, and innovation.

We are looking for the Institute of Economics (ECON) **as of August 1st, 2025, limited up 2 years**, subsequent extension sought, for a

Research associate (f/m/d) in the field of European passenger transport demand modeling

The position is located at the Chair of Network Economics (Prof. Dr. Kay Mitusch) of the Institute of Economics. The chair is internationally recognized for its contributions and project research on transport economics, transport modelling and regulation. It fulfils teaching tasks for the economics degree programs of KIT and is also involved in the European university network [TransportNet](#).

Your tasks include in particular the modeling of European long-distance passenger transport demand. As part of a project funded by [RailNet Europe \(RNE\)](#), we are working in an international team to develop various options for service concepts for long-distance lines of European railroad companies. For this purpose, you will support the development of a European passenger transport demand model, based on the existing passenger transport model of the European strategic evaluation model [HIGH-TOOL](#). The possibility of a doctorate is given and encouraged.

Personal qualification

- You have a university degree (Master) in industrial engineering, transportation engineering, computer science, mathematics, physics or a comparable course of study.
- You are interested in the transport sector and ideally have knowledge of (macroscopic) traffic modeling.
- In addition to your technical background, we expect a high level of commitment, good self-organization and very good German and/or English language skills.

Become a member of staff of the only German University of Excellence that conducts large-scale research on the national level. Work under excellent working conditions in an international environment and be active in research and academic education for our future. Benefit from specific train-ing when starting your job and from a wide range of further qualification offers. Use our flexi-ble working time models (flexitime, work from home), our sports and leisure offers, as well as our child and holiday care services. We also pay a share of EUR 25/month in the Job Ticket Baden-Württemberg. Enjoy a large variety of dishes, snacks, and beverages at our canteens.

We prefer to balance the number of employees (f/m/d). Therefore, we kindly ask female applicants to apply for this job. Recognized severely disabled persons will be preferred if they are equally qualified.

Please apply [online](#) until June 30th, 2025 using the **vacancy number 1176/2025** to Ms Kehrler, Karlsruhe Institute of Technology (KIT), Human Resources, Kaiserstr. 12, 76131 Karlsruhe, Germany. For further information, please contact Dr. Eckhard Szimba, Email szimba@kit.edu.

Processing of your personal data by Karlsruhe Institute of Technology (KIT) will be subject to this [Privacy Policy](#).

You can find further information on the internet: <http://www.kit.edu>

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