



Research Assistant (Doctoral student)

The University of Wuppertal is a dynamic, networked and research-oriented campus university. Collectively, more than 26,000 researchers, academic staff and students face the challenges of society, culture, education, economics, technology and the environment.

The school of Architecture and Civil Engineering, Chair of Bicycle Traffic, invites applications.

RESPONSIBILITIES AND DUTIES

In our new DFG research project ARROW (Augmented Reality experiments for small things On Wheels), we will collaborate with the Augmented Vision Lab at RPTU to develop technologies and research methods for Augmented Reality (AR) experiments. For example, we will allow participants to ride in a controlled training environment and deliberately modify their perceived surroundings using AR. With this innovative research approach, we aim to study the riding behaviour of cyclists and their interactions with other road users.

Your contributions to ARROW will include:

- Designing experiments to investigate cyclist behaviour using AR, taking into account practical, ethical, and scientific aspects (our project partners are responsible for the development of the AR technology itself),
- Conducting the experiments,
- Analysing collected data and developing behavioural models based on the results,
- Publishing scientific articles in international journals and presenting the research findings at national and international conferences.

We offer flexible working hours (including two days of remote work per week), a pleasant working atmosphere in a motivated team, and close academic supervision of your doctoral project. Information about the chair can be found at: <https://radverkehr.uni-wuppertal.de/de/>. An extension beyond the initial three years is possible if there is mutual interest.

PROFESSIONAL AND PERSONAL REQUIREMENTS

- University degree as Master of Science (MSc) or equivalent in the field of engineering sciences or a related discipline
- Enthusiasm for academic work and research
- Strong communication and teamwork skills, organizational talent, independence, and initiative
- Excellent proficiency in either German or English, along with good knowledge of the respective other language

This is a qualification position in the sense of the Academic Fixed-Term Contract Act (WissZeitVG), which serves to support a doctoral programme. The position is temporary for the duration of the doctoral process, but initially up to 3 years. An extension for the completion of the doctorate is possible within the time limits of the WissZeitVG.

Start

01.10.2025

Duration

Fixed-term contract up to 3 years

Salary

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Time

Full time (Part-time employment is possible, please indicate in your application whether you would also or only be interested in part-time employment.)

Reference Code

25186

Contact person

Ms Prof. Dr.-Ing. Heather Kaths
heather.kaths@uni-wuppertal.de

Applications via

stellenausschreibungen.uni-wuppertal.de

Application deadline

21.08.2025



WE OFFER



Friendly working environment



Occupational health management and University Sports



Flexible working hours and hybrid working



Working in an international context



30 days of leave



Large offer of continuing education courses



Family-friendly working conditions



Company pension scheme

The University of Wuppertal is an equal opportunity employer. Applications from persons of any gender and persons with disabilities as well as persons with an equivalent status are highly welcome. In accordance with the Gender Equality Act of North Rhine-Westphalia, women will be given preferential consideration unless there are compelling reasons in favour of an applicant who is not female. The same applies to applications from disabled persons, who will be given preference in the case of equal suitability.

Applications including all relevant credentials (motivation letter, CV, proof of successful graduation, job references, and if applicable, evidence of a severe disability). Kindly note that incomplete applications will not be considered.