

Participant information of the study „Disabled People’s Experiences and Requirements of Cycling Technology“

Dear study participants,

The study will be used to investigate **how physically disabled people cycle, how they currently utilise technology and how they image it in the future, and how they experience barriers in this context.**

We would like to conduct a semi-structured interview or a focus group session with you.

The aim of the study is to gain a deeper understanding of how physically disabled people cycle, what experience they have made and how they (would like to) use technology for cycling.

The results will be used to derive design recommendations for follow-up studies and future development of cycling technology for disabled people in order to make it accessible and tailored to the needs of its users in the future.

You do not have to ride a cycle yourself in this study.

The following information should make it easier for you to decide whether you would like to take part in this study. Please read the document carefully before making a decision. The investigator will discuss this document with you. It is important that you ask if anything is unclear to you.

Head of Studies

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Study content

The study includes participation in a semi-structured interview or focus group session, which address experiences with and barriers around cycling and technology for people with physical disabilities. Demographic data will be collected and previous experiences as well as requirements for cycling technology will be discussed.

Methods

The study is conducted as a semi-structured interview or focus group session with 3-6 participants. The interview is digitally recorded using a laptop or a dictation machine. Depending on the mode of participation (online / in presence), BigBlueButton (hosted at KIT) also serves as an interview platform.

Tasks and schedule

The study will proceed as follows: First, demographic information will be requested and you will be given the opportunity to talk about your individual background and previous experiences of cycling with a disability. Then current and future technology in this context will be discussed. Lastly, there will be an opportunity to ask final questions from both sides.

The interview or focus group session will take a maximum of 90 minutes in total.

Risk assessment

The interview does not put the participants at risk. However, we would like to point out that negative experiences with respect to their disability may be reflected upon.

Further information

If you have any further questions about the study program or if you are still unclear about anything, or if you have any questions after the study date, you can contact the Head of Studies at any time.