

Übung Mensch-Maschine-Kommunikation

Topic: The topic of this exercise is designing a user study to compare quality of two different pointing input devices of your choice.

Submission is by email to mmi1@hciilab.org

Study Design Send in a PDF document (exercise6-group<N>.pdf), containing the design of your user study. Use text and if appropriate images. **Deadline** for this submission is **Fri, 26.1.2007, 9 a.m.**

Task 1 (P) User Study Design

In this exercise you should design a user study to compare the quality of two different pointing devices of your choice. Appropriate pointing devices are:

- Mechanical mouse,
- Optical mouse,
- Trackball,
- Track point/laptop mini joystick,
- Touch screen,
- Joystick

You are allowed to reuse the software written for the exercise Fitts' Law“.

In your design document you should describe following aspects:

- State the goals of the user study
- Formulate hypotheses
- Identify dependent and independent variables
- Describe the experimental setup
- Plan the conduction of the study
- Specify participants, who, how many

Submit your design in a written format. Make sure that your design document is complete (i.e., could be used to apply for funding).