**Informed Consent Form**

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**Organization:** Research Group Cartography, Department of Geodesy and Geoinformation, Vienna University of Technology

**This Informed Consent Form has two parts:**

• **Information Sheet (to share information about the study with you)**

• **Certificate of Consent (for signatures if you choose to participate)**

**You will be given a copy of the full Informed Consent Form**

**Part I: Information Sheet**

**Introduction**

People spend most of the time indoors. However, due to the complexity of indoor environment, people get lost easily. This research aims to compare different indoor navigation guidance, in order to provide better indoor navigation services.

**Voluntary Participation**

Your participation in this research is entirely voluntary. It is your choice whether to participate or not. You may change your mind later and stop participating even if you agreed earlier. The credits for the course are given automatically upon registering for participation, and do not depend on you completing the experiment.

**Procedures**

In the experiment, you will be asked to use two different indoor navigation instructions to find rooms in TU Wien Campus Karlsplatz. One instructor will be with you for supporting and leading the experiment. A second researcher will follow and record the whole process with a video recorder.

We will begin with a short introduction. You will then receive a smart phone, which will guide you to two destinations. Please follow the instruction on the phone. After each route, you will be asked to perform several tasks. When both routes are completed, we will ask you to fill out a questionnaire. After a short interview on your experience, the experiment concludes with a debrief.

**Duration**

Before the experiment, we will have a 5-minute introduction. The experiment takes about 15 minutes for each route. After the experiment, we will have 15 minutes for a questionnaire and an interview. In total, the experiment takes around 50 minutes.

**Risks**

You will have no more than the normal risks of walking in TU Wien Campus Karlsplatz.

**Confidentiality**

All the information you provide will be strictly confidential. We will record the experiment with a video recorder. All data will be anonymous. Any information about you will have a number on it instead of your name. We will not be sharing information about you to anyone outside of the research team. Video and questionnaire will be available if you request them. You may contact us at any time in the future to alter or delete any statements made.

**Right to Refuse or Withdraw**

You do not have to take part in this research if you do not wish to do so. You may stop participating in the experiment at any time that you wish without further questioning. You may request the video recorder be paused at any stage during the experiment.

**Who to Contact**

If you have any questions, please contact Wangshu Wang (wangshu.wang@tuwien.ac.at).

**Part II: Certificate of Consent**

**Statement by the participant**

I have been invited to participate in this study about indoor navigation. I have read the foregoing information. I have had the opportunity to ask questions about it and any questions I have been asked have been answered to my satisfaction. I consent voluntarily to be a participant in this study.

**Signature of Participant \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Day/month/year

**Statement by the researcher**

I confirm that the participant was given an opportunity to ask questions about the study, and all the questions asked by the participant have been answered correctly and to the best of my ability. I confirm that the individual has not been coerced into giving consent, and the consent has been given freely and voluntarily.

A copy of this ICF has been provided to the participant.

**Signature of Researcher \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** Day/month/year