



# Informed Consent of Participation

You are invited to participate in the user study **RSVP Eyetracking Pilot Study** initiated and conducted by Philipp Thalhammer. The research is supervised by Philipp Thalhammer at the LMU Munich. Please note:

- Your participation is entirely voluntary
- The user study will last approximately 60 minutes
- We will record personal demographics (age, gender, etc.)
- We will track your eye and head motion during the session
- We may publish our results from this and other sessions in our reports, but all such reports will be confidential and will neither include your name nor cannot be associated with your identity

If you have any questions or complaints about the whole informed consent process of this research study or your rights as a human research subject, please contact Philipp Thalhammer (E-Mail: philipp.thalhammer@campus.lmu.de). You should carefully read the settings below. Please take as much time as you need to read the consent form.

## 1. Purpose and Goal of this Research

The purpose of this research is to study the viability of adaptive RSVP in VR. Testing if the background-color has any effect on reading RSVP in VR. Your participation will help us achieve this goal. The results of this research may be presented at scientific or professional meetings or published in scientific proceedings and journals.

## 2. Participation and Compensation

Your participation in this user study is completely voluntary. You will be one of approximately 6 people being tested for this research. You will receive no compensation. You may withdraw and discontinue participation at any time without penalty. If you decline to participate or withdraw from the user study, no one on the campus will be told. You may refuse to answer any questions you do not want to answer.

## 3. Procedure

After confirming your informed consent, you will be guided through the following steps:

1. Collect Demographic Data
2. Show RSVP Demo
3. Calibrate Eye Tracker
4. Test 10 Conditions with NASA-TLX afterwards

The complete procedure of this user study will last approximately 60 minutes.

## 4. Risks and Benefits

There are no risks associated with this user study. Discomforts or inconveniences will be minor and are not likely to happen. If any discomforts become a problem, you may discontinue your participation. You will not directly benefit through participation in this user study. We hope that the settings obtained from your participation may help to bring forward the research in this field.

## 5. Data Protection and Confidentiality

Personal data (age, gender, etc.) will be recorded during participation. The researcher will not identify you by your real name in any reports using settings obtained from this user study, and your confidentiality as a participant in this user study will remain secure and encrypted. All data you provide in this user study will be published anonymized and treated confidentially in compliance with the General Data Protection Regulation (GDPR) of the European Union (EU). Subsequent uses of records and data will be subject to standard data use policies that protect the participating individuals' anonymity. In all cases, uses of records and data will be subject to the GDPR. Faculty and administrators from the campus will not have access to raw data or transcripts. This precaution will prevent your individual comments from having any negative repercussions. We will record data, record your eye motion, and will potentially take notes during the user study. No one outside this research project can view any recordings unless we have you sign a separate permission form allowing us to use them (see below). Records that have not been made public will be deleted after the end of the research. The records will be destroyed if you contact the researcher to destroy or delete them immediately. As with any publication or online-related activity, the risk of a breach of confidentiality is always possible. According to the GDPR, the researchers will inform the participant if a breach of confidential data is detected. We will record data, record your eye motion, and will potentially take notes during the user study.

## 6. Identification of Investigators

If you have any questions or concerns about the research, please feel free to contact:

Philipp Thalhammer  
Principal Investigator  
Frauenlobstr 7a  
80337 Munich,  
Germany  
philipp.thalhammer@campus.lmu.de

## 7. Informed Consent and Agreement

- ☐ I understand the explanation provided to me. I have been given a copy of this form. I have had all my questions answered to my satisfaction, and I voluntarily agree to participate in this user study.

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Printed Name of Subject

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Signature of Subject

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Location, Date