

RESEARCH PARTICIPANT Information Sheet
Headset Inpainting for Effective Asymmetrical XR Remote Collaboration
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Computer Science
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Purdue University

- You are being asked to participate in a research study. Your participation is **voluntary** which means that you may choose not to participate at any time.
- The researchers hope to learn more about a video editing approach they have developed to remove the virtual reality headset worn by a person in a video. Imagine a videoconferencing remote collaboration scenario, like Zoom, where one of the participants is wearing a virtual reality (VR) headset. The goal of the researchers is to remove the VR headset from the video stream, in software, to show the face of the headset wearer to the other participants. If successful, the approach will improve communication effectiveness in such a remote collaboration scenario.
- You are being asked to participate because you are 18 years of age or older, and because you showed interest to participate by responding to our recruitment email. There are no special qualifications required.
- You need to do the study on your laptop or desktop instead of a mobile device.
- You will be asked to take an online Qualtrics survey that shows various videos of a person talking for about 10s. The person can appear in one of the two ways: with a VR headset, or without the VR headset, which was removed in software. There will be a total of 20 videos. After each video, you will be asked to answer about seven questions.
- You will also have a demographics questionnaire at the end. Your name and email address will be recorded with the purpose of reimbursement by the computer science business office.
- The study will take a total of 15 minutes.

Please take time to review the rest of the information. This will give you information about this study to help you decide if you want to participate.

This study is only intended for people who are 18 years of age or older. Do not complete the study if you are not legally considered an adult.

Before agreeing to participate, consider the risks and potential benefits of taking part in this study.

All research carries the risk of breach of confidentiality which means that someone outside of our study could figure out that you were in the study or that the information collected by the study was yours. We will protect your information to reduce this risk, as described below.

If any of the questions make you feel uncomfortable, you can skip them, or stop answering altogether.

It is unlikely that there will be personal benefits to you for participating, other than learning about state of the art video editing techniques. Your answers will help the researchers evaluate and improve their video editing approach. If successful, the research project will help improve communication effectiveness in remote collaboration.

Will I receive payment or other incentive?

To compensate you for your time, you will receive a \$15 gift card within a month. According to the rules of the Internal Revenue Service (IRS), payments that are made to you as a result of your participation in a study may be considered taxable income.

How will the researchers protect my information, privacy, and confidentiality?

Your personal information may be shared outside the research study if required by law. We also may need to share your research records with other groups for quality assurance or data analysis. These groups include the Purdue University Institutional Review Board or its designees, and state or federal agencies who may need to access the research records (as allowed by law).

The researchers will store your answers on a secure sever, i.e., Box. The data will be kept for three years after acquisition. We may share the anonymous data and findings with other researchers or in research papers or presentations.

What are my rights as a research participant in this study?

You do not have to participate in this research project. If you agree to participate, you may withdraw your participation at any time without penalty.

Who can I contact if I have questions about the study?

If you have questions, comments or concerns about this research project, you can talk to one of the researchers. Please contact principal investigator Voicu Popescu through email at popescu@purdue.edu should you have additional questions.

To report anonymously via Purdue's Hotline, see www.purdue.edu/hotline

If you have questions about your rights while taking part in the study or have concerns about the treatment of research participants, please call the Human Research Protection Program at (765) 494-5942, email (irb@purdue.edu) or write to:

Human Research Protection Program - Purdue University
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