

Confirmation of Consent

We are asking for your confirmation that you consented to participate in a research study titled “SoundCam: A Dataset for Tasks in Tracking and Identifying Humans from Real Room Acoustics”. The project is being led by Mason Wang. The Faculty of Advisor for this study is Jiajun Wu, a Professor in the Department of Computer Science at Stanford University.

What the study is about

The purpose of the study is to determine if we can locate, detect, and/or identify a human inside of a room, based on the changes in the room’s acoustical properties that they induce. We will answer any questions about the research study, its motivations, or its potential uses.

What we have asked you to do

Your participation in the study involved standing in a room while different sounds were played from a speaker. The sounds consisted of

1. A beep instructing you to move to a new location
2. A beep instructing you to remain still
3. A sine sweep intended to measure the room’s acoustic properties, lasting 10 seconds.

In addition, the study involved taking a 3D-scan of your body, including your clothing, using a LiDAR scanner. The study took approximately two hours.

Risks and discomforts

The sounds played from the speaker can be loud. Hearing protection was provided. The data collection procedure involved standing in different locations for two hours, but an unlimited number of breaks were offered. You had the choice to leave the data collection procedure at any time.

Benefits

There were no direct benefits to participating in this study.

Incentives for participation

You were not compensated for participating in this study.

Audio/Video Recording

Photos of you were taken during this study, for the purposes of tracking your location. However, these photos will not be released. In addition, audio recordings were taken during the study.

Privacy/Confidentiality/Data Security

No identifying information will be released. The images taken of you will be kept on a private cluster, only accessible to members of our research lab. The 3D scans taken of you will be released but will be stripped of any identifying textures and are low-resolution enough not to allow for identification.

We will do our best to keep your participation in this research study confidential to the extent permitted by law; however, it is possible that other people may need to review the research records and may find out about your participation in this study. For example, the following people/groups may check and copy records about this research:

- The Office for Human Research Protections in the U.S. Department of Health and Human Services
- Stanford University's Research Compliance Office (a committee that reviews and approves research studies)

Sharing De-identified Data Collected in this Research

De-identified data from this study may be shared with the research community at large to advance science. We will remove or code any personal information that could identify you before files are shared with other researchers to ensure that, by current scientific standards and known methods, no one will be able to identify you from the information we share. Despite these measures, we cannot guarantee anonymity of your personal data.

Opting Out

At any point, due to any reason, you can opt out of the dataset and all of your data will be removed. Simply notify the main researcher, whose contact information is listed below.

Taking part is voluntary

Your signature confirms that your participation in this research study was voluntary, and that you had the option to discontinue at any time, or skip any questions/procedures that made you feel uncomfortable, with no penalty to you, and no effect on academic standing, record, or relationship with the university or other organization or service that may be involved with the research.

If you have questions

The main researcher conducting this study is *Mason Wang*, a master's student at Stanford University. If you have questions later, you may contact Mason Wang at ycda@stanford.edu or at 319-569-9019. If you have any questions or concerns regarding your rights as a subject in this study, you may contact the Institutional Review Board (IRB) for Human Participants at 607-255-6182 or access their website at <https://researchservices.cornell.edu/offices/IRB>.

Statement of Consent

I have read the above information, and have received answers to any questions I asked. I have consented to taking part in the study.

Your Signature_____ Date_____

Your Name (printed)_____

Signature of person obtaining consent_____ Date_____

Printed name of person obtaining consent_____

This consent form will be kept by the researcher for five years beyond the end of the study.