Participant Information Sheet

(Date: 11.08.2020, Version Number: 1.0)

**Study Title**: Estimating Depth in Real-World Scenes

**Researchers**: Matt Anderson, Erich Graf, Wendy Adams

**Ethics number**: 60911

**Please read this information carefully before deciding to take part in this research. If you are happy to participate you will be asked to tick a consent box.**

**What is the research about?**

This study is an investigation of how humans process depth information in real-world scenes. We are testing the speed at which humans can judge the relative depth of two surfaces, and examining the visual information that humans use to make these judgements

**Why have I been chosen?**

You have been chosen as an English-speaking member of the public, and user of Prolific.

**What will happen to me if I take part?**

You will be given a series of instructions about the experimental task, before completing a practice version of the experiment. Then you will complete the main experiment. In the main experiment, you will respond to 120 images. You will view each image for a very short interval of time, and you will be required to judge the relative depth of two locations within that image. The entire task will take around 45 mins. (Detailed task instructions of how you will make these responses will follow).

**Are there any benefits in my taking part?**

You will gain £6.50 per hour of your time. Your participation will also help increase our current understanding of how humans process depth information during the early stages of scene perception.

**Are there any risks involved?**

There is the risk of eye strain, from viewing images over a sustained period. You will be encouraged to take breaks between trials to reduce this risk. If you feel uncomfortable with this, you may withdraw at any point during the experiment (by closing the browser).

**Will my participation be confidential?**

Participation will be made confidential in accordance with both the data protection act and University policy. Your identifying personal information will not be used at any point in the analysis or presentation of data. Experimental data will be encrypted, and stored on a University server, and kept on a password-protected computer. Data will only be viewed by those directly involved in running the experiment or analysing the data: Matthew Anderson, Erich Graf, and Wendy Adams.

**What happens if I change my mind?**

You retain your right to withdraw at any point throughout the experimental procedure by closing your browser.

**What happens if something goes wrong?**

In the unlikely event of a problem, you may contact the Chair of the Ethics Committee, Psychology, University of Southampton, Southampton, SO17 1BJ. Phone: +44 (0)23 8059 3856, email [fshs-rso@soton.ac.uk](mailto:fshs-rso@soton.ac.uk)

**Where can I get more information?**

If you require any further information, please contact Matthew Anderson at [matt.anderson@soton.ac.uk](mailto:matt.anderson@soton.ac.uk)