**Information sheet**

**Research study “Playing a game when visual information is not available”: information for participants**

We would like to invite you to be part of this research project. You should only agree to take part if you want to. If you choose not to take part, there will not be any disadvantages for you and you will hear no more about it.

Please read the following information carefully before you decide to take part; this will tell you why the research is being done and what you will be asked to do if you take part. Please ask if there is anything that is not clear or if you would like more information.

If you decide to take part you will be asked to sign the attached form to say that you agree.

You are still free to withdraw at any time and without giving a reason.

**Procedure**

This study consists of an experiment in which we will ask you to play a game on the computer: the goal is to complete a simple track by moving a ball on the screen and avoiding obstacles.

You will be asked to wear a posture band with two lightweight devices attached to it: one Raspberry Pi and one Teensy board, with 4 vibration motors installed on a belt that will go around the waist. With this equipment, you will be able to play the game simply by slightly bending your body on the left or right.

In order to test our hypothesis, that is to verify whether performances of users in the game can be compared even in the case of no access to visual information, you will be asked to put a blindfold on to complete the game. You will complete the game once with a blindfold, and once without; the order of the procedures will be randomized for research reasons.

After the end line is reached, the game will stop and all equipment will be removed. The duration of the experiment depends on your performance, but will not be longer than a few minutes.

If for whatever reason the blindfold feels uncomfortable, you can opt out of the experiment at any given time without giving any explanation.

**Consent**

It is up to you to decide whether or not to take part. If you do decide to take part you will be given this information sheet to keep and be asked to sign a consent form.

If you have any questions or concerns about the manner in which the study was conducted please, in the first instance, contact the researcher responsible for the study. If this is unsuccessful, or not appropriate, please contact Prof. Luca Turchet: [luca.turchet@unitn.it](mailto:luca.turchet@unitn.it)

**Consent form**

Please complete this form after you have read the Information Sheet and/or listened to an explanation about the research.

Title of Study: **“Playing a game when visual information is not available”**

* Thank you for considering taking part in this research. The person organizing the research must explain the procedure to you before you agree to take part.
* If you have any questions arising from the Information Sheet or explanation already given to you, please ask the researcher before you decide whether to join in. You will be given a copy of this Consent Form to keep and refer to at any time.
* *I understand that if I decide at any other time during the research that I no longer wish to participate in this project, I can notify the researchers involved and be withdrawn from it immediately.*
* *I consent to the processing of my personal information for the purposes of this research study. I understand that such information will be treated as strictly confidential and handled in accordance with the provisions of The General Data Protection Regulation (EU) 2016/679 (GDPR).*

**Participant’s Statement:**

I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ agree that the research project named above has been explained to me to my satisfaction and I agree to take part in the study. I have read both the notes written above and the Information Sheet about the project, and understand what the research study involves.

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If the participant is under 18 years old, the person who acts in the participant’s stand is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Investigator’s Statement:**

I \_\_\_\_**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_\_\_\_\_\_\_ confirm that I have carefully explained the nature, demands and any foreseeable risks of the proposed research to the volunteer

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_