**CONSENT DOCUMENT FOR ENROLLING ADULT PARTICIPANTS IN A RESEARCH STUDY**

**Georgia Institute of Technology**

Project Title: User-Centered Design of Control Schemes Using VR

Investigators: *Sonia Chernova, PhD.*

*Jennifer Molnar*

**Protocol and Consent Title: User-Centered Design of Control Schemes Using VR**

You are being asked to be a volunteer in a research study. Please note, if this study was advertised in your class, participation or lack of participation in this study will not impact your grade in the class, nor will you receive any class credit for this study.

**Purpose:** The purpose of this study is to learn what motions people choose to use to control non-anthropomorphic robots. You will be shown several robots in virtual reality and asked to invent motions that you would like to match and control the movement of the robots that are being shown.

**Exclusion/Inclusion Criteria:**

Participants in this study must be able to communicate in English and have basic computer skills. Participants must be between 18 and 89 years old.

**Procedures:**

If you decide to be in this study, you will participate in one study session lasting 60 minutes. At the beginning of the study, we will explain the virtual reality interface and how to navigate within the app you will be using. You will then view a series of gestures being performed by individual robots and will be asked to record your own motions to correspond to and control each gesture that you see. At the end, you will be asked to fill out a survey about your background with robots and virtual reality, and to provide information about how you selected your choice of control motions.

**Risks or Discomforts:**

You may experience mild discomfort or motion-sickness from wearing the VR headset. If this occurs, please inform the experimenter, who will pause the study to allow you to recover. If you do not feel comfortable, you are permitted to leave the study early.

**Benefits:**

You are not likely to benefit in any way from joining this study. The aim of the resulting dataset is to inform control scheme design for novel, non-anthropomorphic robots.

**Compensation to You:**

You will be compensated with a $10 Amazon gift card. You will remain eligible for this payment even if you complete only part of the study.

**Storing and Sharing your Information:**

No personal information about you will be recorded. We will record only your movements and your responses to the Likert questions.

**Confidentiality:**

We will comply with any applicable laws and regulations regarding confidentiality. The only information we will retain regarding you is this form. The Georgia Institute of Technology IRB, and the Office of Human Research Protections may look over study records during required reviews.

**Costs to You:**

There are no costs to you for being in this study other than your time.

**Questions about the Study:**

If you have any questions about the study, you may contact Sonia Chernova at chernova@gatech.edu or 404-385-4753.

**Questions about Your Rights as a Research Participant:**

* Your participation in this study is voluntary. You do not have to be in this study if you don't want to be.
* You have the right to change your mind and leave the study at any time without giving any reason and without penalty.
* Any new information that may make you change your mind about being in this study will be given to you.
* You will be given a copy of this consent form to keep.
* You do not waive any of your legal rights by signing this consent form.

If you have any questions about your rights as a research subject, you may contact

Georgia Institute of Technology

Office of Research Integrity Assurance, at IRB@gatech.edu

If you sign below, it means that you have read (or have had read to you) the information given in this consent form, and you would like to be a volunteer in this study.

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Participant Name (printed)

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Participant E-mail address (For compensation purpose)

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Participant Signature Date Time

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Signature of Person Obtaining Consent Date

**Video Recording: Additional Consent**

With your permission, a video recording will be made of you during your participation in the study. We may wish to present some of the video recordings from this study at professional meetings or as demonstrations in classrooms.

If you do not consent to be video recorded, you may still participate in this study. If you are willing to have video recordings taken of you, please mark one of the following boxes:

I would like my face blurred and/or tiled and my voice altered so that I will not be recognizable.

I consent to use of my unaltered face or voice