

Information Letter

(General Visitor Participant)

University of Waterloo

Title of the study: Generate Engaging Behavior from Human Preferences

Faculty Supervisors:

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Dear Participant,

You are considered as a participant in a research study about Human-Robot Interaction conducted by Lingheng Meng by entering the Meander sculpture area as indicated in the posters at the entrance and near the sculpture. It will be used as part of Lingheng's PhD study. This project is supervised by Dr. Dana Kulić at the Department of Electrical and Computer Engineering and Dr. Rob Gorbet at the Department of Knowledge Integration at the University of Waterloo, Canada. This study aims to assess if engaging behaviour can be learned from user preferences for one of two video clips by asking user which one of two video clips he/she prefers for large-scale interactive sculpture aiming to engage interaction for a long time.

Study details: By entering the Meander sculpture area, you will be considered as a participant in the study. You are free to interact with the Meander sculpture in any way you chose, as part of your normal visit activities. During your visit, the researchers will record your motions and locations using proximity sensors embedded in the installation and video cameras mounted on the wall, and the researchers will not present. All faces in the recorded videos will be blurred, and the processed videos will be carefully

inspected by the researchers to make sure identification is removed before any use. No personally identifying information about you will be retained by the researchers. The recorded videos will be sectioned and used to collect user preferences after removing identification information. Video footage taken in this study may be shown at conferences and in other publications. To protect privacy, faces and other identifying information will be blurred.

Location and Date: The study will take place in Meander installed inside Tapestry Hall at Cambridge, Ontario, from [XXX date placeholder will be filled after approved] to [XXX date placeholder will be filled after approved].

Eligibility Requirements for Participation: No eligibility requirements for participation.

Confidentiality and Data Retention: Aggregated data will be used in student researcher theses and any publications. Only researchers will have access to the data. Your name will not be known to the researchers and will not appear in any publication resulting from this study. Any identifiable information will be processed and removed prior to any data extraction or analysis. The data collected from this study will be maintained on a password protected, disk encrypted laptop. The data will be electronically archived after completion of the study and maintained for a minimum of 8 years, and then erased. Raw video data will be maintained until the completion of the study and deleted afterwards.

Ethic Review and Clearance: This study has been reviewed and received ethics clearance through a University of Waterloo Research Ethics Committee (ORE#42436). If you have questions for the Committee, contact the Office of Research Ethics, at 1-519-888-4567 ext. 36005 or ore-ceo@uwaterloo.ca. For all other questions contact Lingheng via email.

Questions and Contact: If you have any questions or would like additional information regarding this study, please contact Lingheng via email. Also, if you prefer, you may contact my faculty supervisors Dr. Dana Kulić and Dr. Rob Gorbet, who are professors at the University of Waterloo, via their emails and/or phone numbers.