

Experiment Information

Hello there,

Please read the experiment information below,

*** What is this research about? ***

The purpose of this experiment is to explore users' behaviours during a situated dialogue with a real robot.

*** Why are you doing this research? ***

I am exploring how to build a natural conversation in virtual avatar-human interaction (HAI) and Human-Robot Interaction (HRI). Exploring human's behaviours in a situated dialogue is a first step of this research, dialogue planning for building a natural conversation between a real robot and human is the second step of this research.

*** Why have I been invited to take part? ***

You can have a simple conversation in English with a real robot who is over 18 years old.

*** What will happen if I decide to take part in this research study? ***

If you decide to participate, you will be able to talk with a real robot physically. You will be asked to assess this conversation and be able to give feedback about your interactions with the robot.

*** How will the data be used? ***

Your conversation with the robot will be recorded (video, audio). The recordings from the sentences you speak and your response from body language and facial expression will be saved for later analysis. Your replies in the questionnaires will be statistically evaluated along with all other participants of this study. What's more, all data will be stored into an encrypted hard disc in the primary researcher's laptop, and they will also be stored into a USB flash drive with encryption as a backup data. Meanwhile, currently only the primary researcher can get access to the data.

*** How will you protect my privacy? ***

In the study you will be referred to only by the basic demographic information you provide, age group and gender.

*** How is this research funded? ***

This project is funded by SFI Centre for Research Training in Machine Learning (MLLabs).

*** What are the benefits of taking part in this research study? ***

You may find it is enjoyable to interact with a real robot who responds to your speech.

*** What are the risks of taking part in this research study? ***

If you see negative expressions and unreasonable responses from the robot, you may feel bad. When using the speech recognition, it may be frustrating to get a different result from what you expect. The video recordings of your conversation with the robot are only identifiable to the researchers.

*** What happens if I do not want to take part or if I change my mind? ***

It is up to you to decide whether or not to take part. You can change your mind anytime and withdraw with no disadvantage. If you do decide to take part, you will be asked to read and keep this information sheet. What's more, you will be asked to tick a circle to confirm consent. You are free to

withdraw from the experiment at any time without giving a reason and without detriment to yourself. If you wish to withdraw, you can send an email to na.li@tudublin.ie with the subject "withdraw from experiment. If you want a copy of your data, or wish your data to be deleted, you can state that in the email and I will follow your request.

*** What about the video recordings? ***

An essential part of my research is to record your interaction with the robot. You should be comfortable with the recording process at all times and are free to stop recording at any time.

*** Who has reviewed the research project? ***

This project has been reviewed and approved by the Research Ethics Committee at TU Dublin.

*** How will I find out what happens with this project? ***

This research is part of my PhD project. The results will be published and become part of my thesis. If you want to know more, please contact Na Li, email: na.li@tudublin.ie.

* Indicates required question

Registration

1. Email *

2. Gender *

Mark only one oval.

☐ Female

☐ Male

☐ Other:

3. Age Group *

Mark only one oval.


☐ 18 - 24

☐ 25 - 44

☐ 45 - 59

☐ 60+

4. Nationality *

 Dropdown

Mark only one oval.

- ☐ Afghanistan
- ☐ Albania
- ☐ Algeria
- ☐ Andorra
- ☐ Angola
- ☐ Antigua and Barbuda
- ☐ Argentina
- ☐ Armenia
- ☐ Australia
- ☐ Austria
- ☐ Azerbaijan
- ☐ Bahamas
- ☐ Bahrain
- ☐ Bangladesh
- ☐ Barbados
- ☐ Belarus
- ☐ Belgium
- ☐ Belize
- ☐ Benin
- ☐ Bhutan
- ☐ Bolivia
- ☐ Bosnia and Herzegovina
- ☐ Botswana
- ☐ Brazil
- ☐ Brunei
- ☐ Bulgaria
- ☐ Burkina Faso
- ☐ Burundi
- ☐ Cabo Verde
- ☐ Cambodia
- ☐ Cameroon
- ☐ Canada
- ☐ Central African Republic (CAR)

- ☐ Chad
- ☐ Chile
- ☐ China
- ☐ Colombia
- ☐ Comoros
- ☐ Congo, Democratic Republic of the
- ☐ Congo, Republic of the
- ☐ Costa Rica
- ☐ Cote d'Ivoire
- ☐ Croatia
- ☐ Cuba
- ☐ Cyprus
- ☐ Czechia
- ☐ Denmark
- ☐ Djibouti
- ☐ Dominica
- ☐ Dominican Republic
- ☐ Ecuador
- ☐ Egypt
- ☐ El Salvador
- ☐ Equatorial Guinea
- ☐ Eritrea
- ☐ Estonia
- ☐ Eswatini
- ☐ Ethiopia
- ☐ Fiji
- ☐ Finland
- ☐ France
- ☐ Gabon
- ☐ Gambia
- ☐ Georgia
- ☐ Germany
- ☐ Ghana
- ☐ Greece
- ☐ Grenada
- ☐ Guatemala

- ☐ Guinea
- ☐ Guinea-Bissau
- ☐ Guyana
- ☐ Haiti
- ☐ Honduras
- ☐ Hungary
- ☐ Iceland
- ☐ India
- ☐ Indonesia
- ☐ Iran
- ☐ Iraq
- ☐ Ireland
- ☐ Israel
- ☐ Italy
- ☐ Jamaica
- ☐ Japan
- ☐ Jordan
- ☐ Kazakhstan
- ☐ Kenya
- ☐ Kiribati
- ☐ Kosovo
- ☐ Kuwait
- ☐ Kyrgyzstan
- ☐ Laos
- ☐ Latvia
- ☐ Lebanon
- ☐ Lesotho
- ☐ Liberia
- ☐ Libya
- ☐ Liechtenstein
- ☐ Lithuania
- ☐ Luxembourg
- ☐ Madagascar
- ☐ Malawi
- ☐ Malaysia
- ☐ Maldives

- ☐ Mali
- ☐ Malta
- ☐ Marshall Islands
- ☐ Mauritania
- ☐ Mauritius
- ☐ Mexico
- ☐ Micronesia
- ☐ Moldova
- ☐ Monaco
- ☐ Mongolia
- ☐ Montenegro
- ☐ Morocco
- ☐ Mozambique
- ☐ Myanmar
- ☐ Namibia
- ☐ Nauru
- ☐ Nepal
- ☐ Netherlands
- ☐ New Zealand
- ☐ Nicaragua
- ☐ Niger
- ☐ Nigeria
- ☐ North Korea
- ☐ North Macedonia
- ☐ Norway
- ☐ Oman
- ☐ Pakistan
- ☐ Palau
- ☐ Palestine
- ☐ Panama
- ☐ Papua New Guinea
- ☐ Paraguay
- ☐ Peru
- ☐ Philippines
- ☐ Poland
- ☐ Portugal

- ☐ Qatar
- ☐ Romania
- ☐ Russia
- ☐ Rwanda
- ☐ Saint Kitts and Nevis
- ☐ Saint Lucia
- ☐ Saint Vincent and the Grenadines
- ☐ Samoa
- ☐ San Marino
- ☐ Sao Tome and Principe
- ☐ Saudi Arabia
- ☐ Senegal
- ☐ Serbia
- ☐ Seychelles
- ☐ Sierra Leone
- ☐ Singapore
- ☐ Slovakia
- ☐ Slovenia
- ☐ Solomon Islands
- ☐ Somalia
- ☐ South Africa
- ☐ South Korea
- ☐ South Sudan
- ☐ Spain
- ☐ Sri Lanka
- ☐ Sudan
- ☐ Suriname
- ☐ Sweden
- ☐ Switzerland
- ☐ Syria
- ☐ Taiwan
- ☐ Tajikistan
- ☐ Tanzania
- ☐ Thailand
- ☐ Timor-Leste
- ☐ Togo

- ☐ Tonga
- ☐ Trinidad and Tobago
- ☐ Tunisia
- ☐ Turkey
- ☐ Turkmenistan
- ☐ Tuvalu
- ☐ Uganda
- ☐ Ukraine
- ☐ United Arab Emirates (UAE)
- ☐ United Kingdom (UK)
- ☐ United States of America (USA)
- ☐ Uruguay
- ☐ Uzbekistan
- ☐ Vanuatu
- ☐ Vatican City (Holy See)
- ☐ Venezuela
- ☐ Vietnam
- ☐ Yemen
- ☐ Zambia
- ☐ Zimbabwe

5. Is English your official native language in your country? *

Mark only one oval.

- ☐ Yes
- ☐ No
- ☐ Other: _____

6. Occupation *

Mark only one oval.

- ☐ Students in colleges
- ☐ Work in industry
- ☐ Work in academia
- ☐ Other: _____

7. Would you like getting a €20 voucher? *

Mark only one oval.

- ☐ No
- ☐ Yes
- ☐ Either

User Consent

*** Please be attentive, if any of items is chosen as "No", you cannot participate in this experiment.

8. I confirm that my email address is correct. *

Mark only one oval.

- ☐ Yes
- ☐ No

9. I confirm that I am over 18. *

Mark only one oval.

- ☐ Yes
- ☐ No

10. I confirm that my data must be anonymous. *

Mark only one oval.

☐ Yes

☐ No

11. I consent to taking part in this research. *

Mark only one oval.

☐ Yes

☐ No

12. I consent that my data will be stored securely and archived. *

Mark only one oval.

☐ Yes

☐ No

13. I consent that my data must be used for our research purposes. *

Mark only one oval.

☐ Yes

☐ No

14. I consent that my data could be used for dissemination purposes at academic conferences or publications. *

Mark only one oval.

☐ Yes

☐ No

15. I understand that my data can be deleted by your request at any time. *

Mark only one oval.

☐ Yes

☐ No

16. I understand that I can stop participating in this research project at any time. *

Mark only one oval.

☐ Yes

☐ No

17. I agree to participate in a research project conducted by Na Li from TU Dublin in Dublin, Ireland. *

Mark only one oval.

☐ Yes

☐ No

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