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Web: <http://www.sydney.edu.au/>**Designing and Evaluating Autonomous City Infrastructure****PARTICIPANT INFORMATION STATEMENT**
(Lab Study)**(1) What is this study about?**

You are invited to take part in a research study investigating the design of autonomous city infrastructure, such as urban robots or driverless-cars. The aim of this project is to gain insights how to best design autonomous city infrastructure that communicates to pedestrian in an appropriate and intuitive way.

You have been invited to participate in this study because you are a potential user of such systems or because of your affiliation with urban planning, communication technology and design. This Participant Information Statement tells you about the research study. Knowing what is involved will help you decide if you want to take part in the research. Please read this sheet carefully and ask questions about anything that you don't understand or want to know more about.

Participation in this research study is voluntary.

By giving your consent to take part in this study you are telling us that you:

- ✓ Understand what you have read.
- ✓ Agree to take part in the research study as outlined below.
- ✓ Agree to the use of your personal information as described.

You will be given a copy of this Participant Information Statement to keep.

(2) Who is running the study?

The study is being carried out by the following researchers:

- Dr Martin Tomitsch (Associate Professor)
- Marius Hoggemueller (PhD Candidate)
- Liam Bray (Lecturer)
- Dr Kazjon Grace (Senior Lecturer)
- Robert Dongas (PhD Candidate)
- Kristina Mah (PhD Candidate)

The study is being conducted by Marius Hoggenmueller (PhD Candidate) and Dr Martin Tomitsch (Professor).

(3) What will the study involve for me?

During the lab study group you will experience a prototypical implementation of an autonomous city infrastructure application. Afterwards you will complete a questionnaire and we will conduct a short interview with you. Depending on the study setup (e.g. individual evaluation, comparison of multiple designs), only one or multiple evaluation cycles are required. The lab study will be audio and video recorded and photographs may be taken.

(4) How much of my time will the study take?

The lab study will take approximately 1 hour 15 mins.

(5) Who can take part in the study?

The lab study is for any prospective users of autonomous city infrastructure. Lab studies will only be conducted with participants that are 18 years or older.

(6) Do I have to be in the study? Can I withdraw from the study once I've started?

Being in this study is completely voluntary and you do not have to take part. Your decision whether to participate will not affect your current or future relationship with the researchers or anyone else at the University of Sydney.

If you decide to take part in the study and then change your mind later, you are free to withdraw at any time. You can do this by contacting Robert Dongas. You are free to stop the interview at any time. Unless you say that you want us to keep them, any recordings will be erased and the information you have provided will not be included in the study results. You may also refuse to answer any questions that you do not wish to answer during the interview.

(7) Are there any risks or costs associated with being in the study?

Aside from giving up your time, we do not expect that there will be any risks or costs associated with taking part in this study.

(8) Are there any benefits associated with being in the study?

You will receive a \$50 e-voucher for full completion of the study.

(9) What will happen to information about me that is collected during the study?

The lab study, including the interviews, will be video- and audio-recorded. Further, we use the data from the questionnaires for analysis. Videos will be taken for later analysis, for example to analyse participants movement in a virtual reality (VR) study. For the interviews, additional details such as

gestures and facial expressions can be informative for later analysis. A transcription service may be employed to transcribe interviews, however, your personal information will be kept confidential.

Your information will be stored securely and your identity/information will only be disclosed with your permission, except as required by law. Study findings may be published, but you will not be identified in these publications unless you agree to this using the tick box on the consent form.

By providing your consent, you are agreeing to us collecting personal information about you for the purposes of this research study. Your information will only be used for the purposes outlined in this Participant Information Statement, unless you consent otherwise.

(10) Can I tell other people about the study?

Yes, you are welcome to tell other people about the study.

(11) What if I would like further information about the study?

When you have read this information, Robert Dongas will be available to discuss it with you further and answer any questions you may have. If you would like to know more at any stage during the study, please feel free to contact Robert Dongas, PhD Candidate, or Martin Tomitsch, Chief Investigator, martin.tomitsch@sydney.edu.au, +61 2 9351 4610.

(12) Will I be told the results of the study?

You have a right to receive feedback about the overall results of this study. You can tell us that you wish to receive feedback by ticking the relevant box on the consent form. This feedback will be in the form of a one-page summary. You will receive this feedback after the study is finished.

(13) What if I have a complaint or any concerns about the study?

Research involving humans in Australia is reviewed by an independent group of people called a Human Research Ethics Committee (HREC). The ethical aspects of this study have been approved by the HREC of the University of Sydney (protocol number 2019/066). As part of this process, we have agreed to carry out the study according to the *National Statement on Ethical Conduct in Human Research (2007)*. This statement has been developed to protect people who agree to take part in research studies.

If you are concerned about the way this study is being conducted or you wish to make a complaint to someone independent from the study, please contact the university using the details outlined below. Please quote the study title and protocol number.

The Manager, Ethics Administration, University of Sydney:

- **Telephone:** +61 2 8627 8176
- **Email:** human.ethics@sydney.edu.au
- **Fax:** +61 2 8627 8177 (Facsimile)

This information sheet is for you to keep