

Participant Information Sheet

Project Title: Configuring ethical AI in healthcare **Date:** xxxxx
Researcher: Dr. Xaroula Kerasidou **Email:** xaroula.kerasidou@lancaster.ac.uk
Website: <http://wp.lancs.ac.uk/configuring-ethical-ai-in-healthcare/>

Dear Participant,

My name is Dr. Xaroula Kerasidou, I am a researcher at Lancaster University working on a project titled 'Configuring ethical AI in healthcare' funded by the Wellcome Trust, and I would like to invite you to take part in a research study which forms part of my project. The study explores and reflects on the stories that figure and shape ethical AI in healthcare and, further, invites you to co-create alternative ones with us.

Below, I provide information on the research I am conducting and how you could be involved. I invite you to read this carefully before deciding if you would like to participate. I will also go through the information with you verbally. If you have any questions or if anything is unclear, please let me know.

What is this study about?

The study is about exploring and reflecting on the stories that figure and shape ethical AI in healthcare. By taking part, I would like to invite you to add your own story/stories on ethical AI in healthcare which will reflect your personal and professional experiences and views in a playful and creative way. Your insights will help me understand more about (a) the messiness and complexity of the stories that shape ethical AI, and (b) the work that is needed to imagine and create alternative ones.

To do this, and with the help of professional designers, we have created a new design methodology and we would like your help to test it. Specifically, the aims of the study are:

- To explore and reflect on the stories that figure and shape ethical AI in healthcare.
- To invite participants to co-create alternative ones.
- To test a new design methodology for reflecting on, capturing and creating new AI stories.

What will taking part involve for me?

The study is comprised of two phases. Both phases are designed to be remote. They require no preparation by you but you will need a good internet connection on a laptop or desktop computer for both to support the platforms and the nature of the activities as described below.

Phase 1 invites you to use a custom web-based tool available on the project's website to write your own short fictional account of AI. This can be as short (a few sentences) or as long as you choose to. You can spend as much time on it as you wish, but we don't expect it to take longer than 10-15 minutes of your time. This can take place at a time of your choosing. Towards the end of this process, you will have the option to leave comments on this process, but only if you wish to. The data generated by using this tool comprises:

- Your fictional story/account (a short paragraph) about AI
- Your name and email address (this will be used to share the outcomes of the research at a later date).
- At the end, if you choose to, you will have the option to leave any further comments on the process.

Phase 2 invites you to a facilitated online workshop using two digital platforms in parallel: 1. A Microsoft Teams space to facilitate and record group discussion and; 2. Miro, a collaborative whiteboard tool to support collaborative workshop activity. Both platforms are secure and available for free online. Once you have confirmed your participation, you will be emailed the links and passwords as necessary to both our video conference meeting space and our workshop board on Miro to access on the pre-arranged date and time as we will have discussed already. The workshop will last 3 hours with scheduled breaks for comfort



and refreshments as required. I ask that you are able to participate for the whole workshop time without interruptions and as little background noise as possible.

It is a playful workshop where you will be asked to join one of 2 teams— a ‘generator’ or a ‘discriminator’— to imaginatively approximate the dialogic workings of an AI programme in a healthcare setting. Through interplay between these two teams, we will review, and analyse the stories co-created in Phase 1, and create new alternative stories and worlds. Please note, that while the setting is imaginary, we are using this to support participation and absolutely no acting or roleplay skills are required from you. No preparation is required and we hope you will find the process thought-provoking and fun.

The data generated in Phase 2 comprises:

- A recording of the Microsoft Teams video call. **Please note that this means your voice and the screen you use for the call will therefore be recorded.**
- The content created on the whiteboard tool, which will be made up of virtual ‘post-it’ notes.

The story account, comments and any relevant data that will come out of phase 2 of the workshop, once anonymised, will be used to produce a printed report and a Design Fiction film which will also become publicly available through the project’s website. Journal articles and academic presentations may also be produced based on the workshop. In all of these cases, I will remove any personal information from the written record of your contribution and no likeness of you (your face or audio recording) will be made public in any way, unless further and explicit consent is secured. During phase 1, I will ask for your email address, however, I will only use this to get in touch with you for project purposes and you can be asked to be removed from my mailing list at any time. All data will be protected on encrypted devices and kept secure, and will be destroyed after 2 years. Please stay assured that all reasonable steps will be taken to protect your data and your anonymity.

Do I have to take part?

No. Your participation is entirely voluntary and you can choose whether you would like to take part in either of the two phases, or both. Also, you can withdraw at any point before your participation without giving a reason. With respect to withdrawing consent after participation, in phase 1 there is a limited window to do this without any reason given. In phase 2, unfortunately, it will not be possible. This is for research purposes in both phases. Specifically,

Phase 1: You can withdraw consent for **one week after participation**. Beyond that point, it will not be feasible as the content generated during phase 1 will form a key part of the discussions in phase 2.

Phase 2: Once the workshop has begun it will not be possible to withdraw consent as it is not feasible to remove participants from the video recording or to remove their contributions from the whiteboarding tool.

In any case, if you would like to withdraw your participation, please contact me directly at xaroula.kerasidou@lancaster.ac.uk.

Thank you for reading this information sheet.

If you have any concerns or complaints about this project you can contact **Prof Monika Büscher**, Director of Research for the Department of Sociology, and Director of the Centre for Mobilities Research at Lancaster University,

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