UNIVERSITY OF WARWICK

Participant Information Leaflet

Title of Project: UK X-ray Tomography Roadmap

Name of Researcher(s): Dr. Jay Warnett

Introduction

You are invited to take part in a research study. Before you decide, you need to understand why the research is being done and what it would involve for you. Please take the time to read the following information carefully. Talk to others about the study if you wish.

Please ask us if there is anything that is not clear or if you would like more information by emailing the lead researcher, Jay Warnett, j.m.warnett@warwick.ac.uk . Take time to decide whether or not you wish to take part.

Who is organising and funding the study?
The study is funded by CCPi (EPSRC grant number EP/T026677/1), and is organised by Dr Jay Warnett, University of Warwick.

Its development and data analysis has been supported by a working group consisting of:
Dr Ander Biguri (University of Cambridge)
Prof Kate Dobson (University of Strathclyde)
Dr Adam Doherty (Francis Crick Institute)
Dr Gemma Fardell (STFC)
Dr David Gorman (NPL)
Prof Charlotte Hagen (UCL)
Dr Ollie Helps (McClaren)
Dr Dan O'Flynn (British Museum)
Prof Paul Shearing (University of Oxford)
Dr Nathanael Turner (MTC)
Prof Andrew Wilson (University of Bradford)

What is the study about?
This project aims to refresh the UK X-ray Tomography Roadmap which was first commissioned in 2017/18 (results, see attached document) by EPSRC. This provides a strategic framework to map the national landscape across hardware, software, data pipelines and skills. It will evaluate:

1. Where UK capability is today, and how this compares to 2017
2. Define the course of future technology
3. Identify key challenges to achieving this

This will be achieved by distributing an online survey to X-ray Tomography users around the UK using a variety of platforms to advertise. The survey will ask questions about hardware/software/infrastructure ownership, access, and how they are using the technology in their research. This data will be aggregated by a working group that represents a cross-section of the X-ray Tomography community and presented at town halls at the close of the survey, culminating in a final white paper. The Tomography Roadmap process will be publicly visible online as it unfolds at xctroadmap.co.uk, with important documents, aggregated results

and the final white paper hosted there. To be explicit, raw data will not be published online, anonymised or otherwise.

What would taking part involve?
There is an online survey which is open 5 October – 13 November 2026. This will ask the participant information around X-ray Tomography equipment, access, software and future needs. This data will be aggregated to present how the status of X-ray Tomography has changed since the last survey 2017/18, the current status, and future opportunities.

Do I have to take part?

No. Participation in this study is completely voluntary and choosing not to take part will not affect you in any way. You can also choose to withdraw your participation without giving a reason by contacting one of the research team. Further details about withdrawing from the study are provided later in this document.

What are the possible benefits of taking part in this study?
The greater the number of participants of this study, the more thorough and broad the understanding of the needs of the X-ray Tomography community will be.
This will act as a driver for change to address needs identified and form a call to action to develop the specific infrastructure to support the community into the future.

What are the possible disadvantages, side effects or risks, of taking part in this study?

There are no risks to you in being part of this study

Expenses and payments

There is no reimbursement for taking part in this study.

Will my taking part be kept confidential?
Yes

Email is collected to verify unique survey submissions and prevent duplication. This explicit personal identifier will be permanently deleted within one week of survey close, 20 November 2026. Institutional data will be retained in analysis until the completion of the report on 01/04/2027 after which all datasets will be fully anonymised.

EDI information is collected but is voluntary to report and does not affect your participation. To prevent re-identification from low number institutional responses, EDI data will be analysed independently of institutional name where numbers are low. All reporting will present EDI data at an aggregated level to guarantee anonymity.

What will happen to the data collected about me?

As a publicly funded organisation, the University of Warwick has to ensure that it is in the public interest when we use personally-identifiable information from people who have agreed to take part in research. This means that when you agree to take part in a research study, such as this, we will use your data in the ways needed to conduct and analyse the research study.

We are committed to protecting the rights of individuals in line with data protection legislation. The University of Warwick will keep personal identifiers (emails) for no longer than one week after the survey has closed, 20 November 2026. Institutional identifiers are retained in analysis until project completion on 1 April 2027.

All data will be hosted on a GDPR compliant platform, Qualtrics. Research data will be anonymised within one week of data collection (20 November 2026), with the key linking emails to participant IDs permanently deleted. This means all direct identifiers will be removed from the study. The indirect identifier institution will be retained in analysis until project completion on 1 April 2027.

To evaluate equitable access to infrastructure, EDI profiles may be cross analysed against specific hardware, software or training questions. To safeguard participant confidentiality we will perform cross analysis only on anonmyised dataset stripped of emails and institutional affiliations. Where there are less than 5 respondents, either data will be aggregated into higher level categories or suppressed and not reported if this is not possible.

Data Sharing

Your rights to access, change or move your information are limited, as we need to manage your information in specific ways in order for the research to be reliable and accurate. The University of Warwick has in place policies and procedures to keep your data safe.

For further information, please refer to the University of Warwick Research Privacy Notice which is available here:
https://warwick.ac.uk/services/idc/dataprotection/privacynotices/researchprivacynotice or by contacting the Legal and Compliance Team at infocompliance@warwick.ac.uk.

What will happen if I don't want to carry on being part of the study?

You may request to withdraw your participation and data up to 20 November 2026 (one week after the survey close). After this date, email identifiers will be destroyed and data will be anonymised meaning individual submissions can no longer be located or deleted.

Where data has been stored securely using a participant ID, the lead researcher can locate and delete your specific submission upon request.

To withdraw yourself, please contact the lead researcher, Dr. Jay Warnett, using the contact information below. Affirming your wish to withdraw will result in the termination of your submission.

What will happen to the results of the study?

The results of the study will be used to present at town hall meetings to participants of the study (Planned before year end 2026). It will result in a white paper of aggregated results which will be published to the roadmaps website xctroadmap.co.uk, currently estimated April 2027. It may be used for further academic publication.

Who has reviewed the study?

This study has been reviewed and given favourable opinion by the University of Warwick's Biomedical & Scientific Research Ethics Committee (BSREC)

Who should I contact if I want further information?

Should you wish to receive further information about the project and the data being collected, or would like to have a copy of the outputs of this project, please contact the lead researcher using the information below:

Dr Jay Warnett
International Manufacturing Centre
University of Warwick

CV4 7AL Coventry

Who should I contact if I wish to make a complaint?

Any complaint about the way you have been dealt with during the study or any possible harm you might have suffered will be addressed. Please address your complaint to the person below, who is a senior University of Warwick official entirely independent of this study:

Head of Research Governance
Research & Impact Services
University House
University of Warwick
Coventry
CV4 8UW
Email: researchgovernance@warwick.ac.uk
Tel: 02476 575733

If you wish to raise a complaint on how we have handled your personal data, you can contact our Data Protection Officer who will investigate the matter: DPO@warwick.ac.uk.

If you are not satisfied with our response or believe we are processing your personal data in a way that is not lawful you can complain to the Information Commissioner's Office (ICO).

Thank you for taking the time to read this Participant Information Leaflet