Applied Data Analysis

Monday 12th August		
Time	Session	Speakers
09:00-10:00	**Opening Keynote**	
10:00-10:30	**Refreshment break**	
10:30-12:00	**Introduction to Applied Data Analysis** * Presentation of the strand, objectives and schedule * Introductions * Example of a data analysis application * Setting up systems	Sven Najem-Meyer Paul Guhennec
12:00-13:30	**Lunch**	
13:30-15:30	**Introduction to Pandas** Intro to Pandas: data types (series, dataframes) Data loading Data access (indexing)	Sven Najem-Meyer Paul Guhennec
15:30-16:00	**Refreshment break**	
16:00-17:00	**Exercises and catching-up session** attendees may pick one from the options below: Catching-up: assistance is provided to clarify any issue from the previous classes or in setting up your Python environment. Exercises/project: exercises or mini-projects will be provided for practice. • Alternatively, attendees can bring their own mini-project to the class and work on it, individually or with others.	Sven Najem-Meyer Paul Guhennec
Tuesday 13th August		

Time	Session	Speakers
09:00-10:30	**Tidy data (part I)** Basic concepts of (proper/tidy) data modelling	Sven Najem-Meyer Paul Guhennec
10:30-11:00	**Refreshment break**	
11:00-13:00	**Tidy data (part II)** Manipulating data with Pandas * Operations on tidy data frames: - set, union join - select, apply transform	Sven Najem-Meyer Paul Guhennec
13:00-14:30	**Lunch**	
14:30-15:30	**Exercises and Catching-up** Catching-up Work on exercises/mini-projects	Sven Najem-Meyer Paul Guhennec
15:30-16:00	**Refreshment break**	
16:00-17:00	**OPTIONAL ATTENDANCE** **Enriching Exhibition Stories with Quire (Part 1)** Quire is an open-source software project developed by Getty for authoring rich exhibition-centric digital outputs which are easy to write, build, deploy and maintain, including by smaller institutions and individuals. The AHRC-funded Enriching Exhibitions Stories project has extended Quire to incorporate structured Linked Art data alongside novel forms of digital analysis. In preparation for Thursday's hands-on session, the project team will introduce the Quire software and demonstrate its use in digital stories based on the Ashmolean Museum's acclaimed 2023 exhibition Labyrinth: Knossos, Myth and Reality.	Kevin Page, Tyler Bonnet, Erin Canning - University of Oxford e-Research Centre Aruna Bhaugeerutty, Andrew Shapland - Ashmolean Museum

Wednesday 14th August		
Time	Session	Speakers
09:00-10:30	**Exploratory Data Analysis (part I)** Basic plotting Descriptive statistics Variation, distributions	Sven Najem-Meyer Paul Guhennec
10:30-11:00	**Refreshment break**	
11:00-13:00	**Exploratory Data Analysis (part II)** Descriptive statistics and plotting with Pandas, Matplotlib and Seaborn Data modelling: working with texts	Sven Najem-Meyer Paul Guhennec
13:00-14:30	**Lunch**	
14:30-15:30	**Exercises and catching-up** Catching-up Work on exercises/mini-projects	Sven Najem-Meyer Paul Guhennec
15:30-16:00	**Refreshment break**	
16:00-17:00	Details TBC	
Thursday 15th August		
Time	Session	Speakers
09:00-10:30	**Applied Data Analysis (part I)** Explorative data visualization Primer on good and bad data visualization practices	Sven Najem-Meyer Paul Guhennec
10:30-11:00	**Refreshment break**	

Time	Session	Speakers
11:00-13:00	**Applied Data Analysis (part II)** Geo-Mapping	Sven Najem-Meyer Paul Guhennec
13:00-14:30	**Lunch**	
14:30-15:30	**Exercises and Catching-up** Catching-up Work on exercises/mini-projects	Sven Najem-Meyer Paul Guhennec
15:30-16:00	**Refreshment break**	
16:00-17:00	**OPTIONAL ATTENDANCE** **Enriching Exhibition Stories with Quire (Part 2)** Continuing on from Tuesday's introduction, the Enriching Exhibition Stories team will guide attendees during this hands-on session. Through structured exercises, participants will install and run Quire, then design and implement their own digital story drawing upon Linked Art compatible collections.	Kevin Page, Tyler Bonnet, Erin Canning - University of Oxford e-Research Centre Aruna Bhaugeerutty, Andrew Shapland - Ashmolean Museum

Friday 16th August

Time	Session	Speakers
09:00-10:30	**Applied Data Analysis (part III)** (Social) network analysis Constructing datasets for research	Sven Najem-Meyer Paul Guhennec
10:30-11:00	**Refreshment break**	
11:00-13:00	**Publishing datasets & communicating results** Communicating data analysis results Best practices about publishing datasets, licensing issues, reproducibility, data repositories	Sven Najem-Meyer Paul Guhennec

13:00-14:30	**Lunch**	
14:30-15:30	**Questions and Open Discussion**	Sven Najem-Meyer Paul Guhennec
15:30-16:00	**Refreshment break**	
16:00-17:00	**Closing keynote**	Nanna Bonde Thylstrup

From Text to Tech

Monday 12th August		
Time	Session	Speakers
09:00-10:00	**Opening keynote**	
10:00-10:30	**Refreshment break**	
10:30-12:00	**Introduction to programming in Python** The session provides a basic introduction to programming for digital humanities using the Python language. Among the topics covered are assignments and variables, data types, conditional statements, and reading/writing data.	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
12:00-13:30	**Lunch**	
13:30-15:30	**Introduction to programming in Python (continued)**	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
15:30-16:00	**Refreshment break**	
16:00-17:00	Talk TBC	

Tuesday 4th July		
Time	Session	Speakers
09:00-10:30	**Basic text processing with Python** The session gives an introduction to working with text data in Python. Topics include simple regular expressions and other methods for handling text data.	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
10:30-11:00	**Refreshment break**	
11:00-13:00	**Data structures in Python** This session will cover basic data structures like lists and dictionaries in Python, with practical examples.	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
13:00-14:30	**Lunch**	

14:30-15:30	**Exercises and catching-up session**	
15:30-16:00	**Refreshment break**	
16:00-17:00	TBC or Optional session	

Wednesday 14th August		
Time	Session	Speakers
09:00-10:30	**Working with tabular data** This session gives an introduction to working with semi-structured texts, such as XML or HTML documents. It shows how to access data via APIs and analyse the content with Pandas	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
10:30-11:00	**Refreshment break**	
11:00-13:00	**Working with tabular data (continued)**	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
13:00-14:30	**Lunch**	
14:30-15:30	Exercises and catching-up session	
15:30-16:00	**Refreshment break**	
16:00-17:00	TBC or Optional session	

Thursday 15th August		
Time	Session	Speakers

09:00-10:30	**Introduction to Natural Language Processing in Python** This session provides an introduction to natural language processing in python, with a focus on text preprocessing, covering tasks such as lemmatization, part-of-speech tagging and named entity recognition.	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
10:30-11:00	**Refreshment break**	
11:00-13:00	**Introduction to Natural Language Processing in Python (continued)** This session provides an introduction to natural language processing in python, with a focus on text preprocessing, covering tasks such as lemmatization, part-of-speech tagging and named entity recognition.	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
13:00-14:30	**Lunch**	
14:30-15:30	**Intro to language modeling** In this session we offer an introduction to language modeling and its central role in current natural language processing research.	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
15:30-16:00	**Refreshment break**	
16:00-17:00	**Topic modelling** In this session we cover how to apply topic models for understanding the content of a corpus and discover underlying trends.	Federico Nanni
Friday 16th AUgust		
9:00-10:30	**Word embeddings** We offer a kind introduction to semantic analysis with word embeddings. We show how this technique can be used for humanities research, such as tracking semantic change or understanding biases in a corpus.	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni

10:30 – 11:00	**Refreshment break**	
11:00 – 13:00	**Transformers for NLP** This session introduces the concept of contextualized word embeddings and shows how to use them for different tasks using the HuggingFace libraries.	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
13:00 – 14:30	**Lunch**	
14:30 – 15:30	Questions and open discussion	Kaspar Beelen Mariona Coll Ardanuy Federico Nanni
15:30 – 16:00	**Refreshment break**	
16:00 – 17:00	**Closing keynote**	

TEI

Monday 12th August		
Time	Session	Speakers
09:00-10:00	**Opening keynote**	
10:00-10:30	**Refreshment break**	
10:30-12:00	**What is TEI and why you might want to use it** The principles of XML, markup and TEI and how they relate to research questions.	Yasmin Faghihi Matthew Holford Huw Jones
12:00-13:30	**Lunch**	
13:30-15:30	**Exercise: Creating and editing TEI documents** The basics of TEI files using the Oxygen XML editor. Transforming TEI for research and publication.	Yasmin Faghihi Matthew Holford Huw Jones
15:30-16:00	Refreshment break	
16:00-17:00	**Beyond the basics** Working with the TEI header and the body	Yasmin Faghihi Matthew Holford Huw Jones

Tuesday 13th August		
Time	Session	Speakers
09:00-10:30	**TEI for texts (1)** Markup for text structure, editing, transcription, names, dates.	Yasmin Faghihi Matthew Holford Huw Jones
10:30-11:00	**Refreshment break**	
11:00-13:00	**TEI for texts (2)**	Yasmin Faghihi Matthew Holford Huw Jones
13:00-14:30	**Lunch**	

Time	Session	Speakers
14:30-15:30	**Using TEI as a source of data: scribal abbreviation in manuscripts** Using TEI as a source of data for analysis using statistical packages like R, or for more manual examination; extracting data using XPath; case study, an ongoing project involving the use of TEI data to examine rates of scribal abbreviation in manuscript texts, as a means of identifying facts about those manuscripts' production.	Sebastian Dows-Miller
15:30-16:00	**Refreshment break**	
16:00-17:00	**Optional session** Opportunities to discuss work in progress if desired	Yasmin Faghihi Matthew Holford Huw Jones

Wednesday 14th August		
Time	Session	Speakers
09:00-10:30	**Describing and transcribing manuscripts using TEI** Using the msDesc module to encode manuscript descriptions Creating TEI descriptions and transcription of manuscript material	Yasmin Faghihi Matthew Holford Huw Jones
10:30-11:00	**Refreshment break**	
11:00-13:00	**Exercise: Encoding manuscripts** Practical exercises based on real life manuscripts	Yasmin Faghihi Matthew Holford Huw Jones
13:00-14:30	**Lunch**	
14:30-15:30	**Case study: Analysing TEI data for critical purposes** TEI data and digital humanities methodologies	Christopher Ohge
15:30-16:00	**Refreshment break**	
16:00-17:00	**Optional session** Opportunities to discuss work in progress if desired	Yasmin Faghihi Matthew Holford Huw Jones

Thursday 15th August		
Time	Session	Speakers
09:00-10:30	**Encoding primary sources - correspondence** Using TEI to encode correspondence	Elizabeth Smith
10:30-11:00	**Refreshment break**	
11:00-13:00	**Exercise: Encoding correspondence** Practical examples and exercises of encoding letters with the correspDesc module	Elizabeth Smith
13:00-14:30	**Lunch**	
14:30-15:30	**Real-world projects using TEI: the Darwin correspondence project**	Elizabeth Smith
15:30-16:00	**Refreshment break**	
16:00-17:00	**Optional session** Opportunities to discuss work in progress if desired	Yasmin Faghihi Matthew Holford Huw Jones

Friday 16th August		
Time	Session	Speakers
09:00-10:30	**Using Xpath to query TEI** A practical approach to the Xpath query language	Mike Hawkins
10:30-11:00	**Refreshment break**	
11:00-13:00	**Customising the TEI with schemas** Using schemas to help with the creation and editing of TEI	Mike Hawkins
13:00-14:30	**Lunch**	
14:30-15:30	**Case Study: The Newton Project** Real-world projects using TEI: the Newton project	Mike Hawkins
15:30-16:00	**Refreshment break**	

| 16:00-17:00 | **Closing Keynote** | |

Humanities Data

Monday 12th August		
Time	Session	Speakers
09:00-10:00	**Opening keynote** Mainstreaming Open GLAM: Emerging Issues, Opportunities and Unknowns in the Growing Movement around Open Access to Digitised Cultural Heritage Collections	Andrea Wallace
10:00-10:30	**Refreshment break**	
10:30-11:00	**Introduction** The workshop convenors will give attendees an overview of the week's programme.	The convenors
11.00 - 12.00	**A critical review of humanities data approaches** Choosing the correct approach for your data can have a significant impact on the success, or otherwise, of your research, and this talk will encourage you to critically evaluate all standards and practices much as you would evaluate your scholarly sources.	Neil Jefferies
12:00-13:30	**Lunch**	
13:30-14:30	**Electronic Enlightenment** The first part of this presentation will consider what the migration of critical editions to digital platforms offers the researcher; the relationship between the digital as a replication of the print edition and the status of the digital edition; how digital resources can enhance scholarly work and what the challenges are for electronic scholarly editors in an editorial environment that is more fluid than bibliographic editing; and why dynamic databases can enable a more collaborative critical engagement of reader with editor than has been possible previously. The second part will focus specifically on the challenges and opportunities raised by the creation of digital editions of historical correspondence, focusing on the work of Electronic Enlightenment. We will cover the processes of standardising dates, locations, and geographical locations for machine readability; the differences between the print editions we work with and our final output and, in an	Jack Orchard Mark Rogerson Nicole Pohl

Time	Session	Speakers
	interactive workshop, invite participants to consider how to convert the limited, provisional information they can gather about a historical letter into an EE-ready metadata object.	
14.30-15.30	**The Quill Project** The Quill Project is an interdisciplinary digital humanities project that examines the negotiation of legal texts. This session will discuss problems of representing these kinds of processes, designing interfaces for data entry, collaboration with undergraduate students, and visualisation design.	Nicholas Cole
15:30-16:00	**Refreshment break**	
16:00-17:00	**Generative AI in the humanities**	David de Roure

Tuesday 13th August		
Time	Session	Speakers
09:00-10:30	**Framing digital objects with context and provenance** Cultural and historical objects derive much of their meaning and interpretation from the contexts in which they are created and subsequently experienced. When digital surrogates or born-digital artefacts are created, this contextual information must be represented in the digital domain. This talk will explore the nature of context and provenance (which can be seen as a historical series of contexts), and consider how they might be modelled digitally.	Neil Jefferies
10:30-11:00	**Refreshment break**	
11:00-13:00	**Framing digital objects with context and provenance** Continuation of previous session.	Neil Jefferies
13:00-14:30	**Lunch**	

Time	Session	Speakers
14:30-15:30	**GIS for the humanities** What is a map and how can it help us? Whether we're travelling from A to B or carrying out a complex spatial analysis, being able to handle geographic data is a useful skill. This session introduces key concepts in cartography and Geographic Information Systems (GIS) and how these tools can be useful in our work.	Martin Davis
15:30-16:00	**Refreshment break**	
16:00-17:00	**GIS for the humanities: hands-on session** An optional opportunity for participants to try out the techniques demonstrated in the previous session. OR **OPTIONAL ATTENDANCE - Enriching Exhibition Stories with Quire (Part 1)** Quire is an open-source software project developed by Getty for authoring rich exhibition-centric digital outputs which are easy to write, build, deploy and maintain, including by smaller institutions and individuals. The AHRC-funded Enriching Exhibitions Stories project has extended Quire to incorporate structured Linked Art data alongside novel forms of digital analysis. In preparation for Thursday's hands-on session, the project team will introduce the Quire software and demonstrate its use in digital stories based on the Ashmolean Museum's acclaimed 2023 exhibition Labyrinth: Knossos, Myth and Reality.	GIS - Martin Davis Enriching Exhibition Stories - Kevin Page, Tyler Bonnet, Erin Canning, Aruna Bhaugeerutty, Andrew Shapland

Wednesday 14th August		
Time	Session	Speakers

Time	Session	Speakers
09:00-10:30	**OpenRefine for tabular data** OpenRefine is a powerful tool for working with messy data. It can help you explore large datasets, clean them, and transform them from one format into another.	Andrew Cusworth Rowan Wilson
10:30-11:00	**Refreshment break**	
11:00-12:00	**OpenRefine for tabular data** Continuation of the previous session	Andrew Cusworth Rowan Wilson
12:00-13:00	**Introduction to relational databases** This session looks at what a relational database is, and when and why it might be helpful to use one. It introduces some basic database concepts and works through the process of planning a relational database - with some hands-on exercises to help start putting the theory into practice. We also look at some challenges posed by the sort of data often used in humanities projects, and how these might be addressed.	Meriel Patrick Pamela Stanworth
13:00-14:30	**Lunch**	
14:30-15:30	**Introduction to relational databases** Continuation of the previous session	Meriel Patrick Pamela Stanworth
15:30-16:00	**Refreshment break**	
16:00-17:00	**OpenRefine for tabular data: hands-on session** An optional opportunity for participants to try out the techniques demonstrated in the earlier session.	Rowan Wilson and other convenors

Thursday 15th August		
Time	Session	Speakers
09:00-10:30	**Data visualisation for the humanities**	TBC
10:30-11:00	**Refreshment break**	

Time	Session	Speakers
11:00-12:00	**Humanities data miscellany** Short presentations on a range of topics. Attendees will be given the chance to talk about their work (or just a topic they think is really cool!). This is an opportunity to share what you're doing and to tap into the knowledge and experience of your fellow delegates. See the Software and resources page for further information.	Strand participants and convenors
12.00 - 13.00	**IIIF - the International Image Interoperability Framework** With the increasing volume of digitised materials being made available via the International Image Interoperability Framework (IIIF), it is becoming an integral part of digital humanities workflows. This session will introduce you to the basics of IIIF and provide some examples of how it can be combined with other digital tools in such workflows.	Neil Jefferies
13:00-14:30	**Lunch**	
14:30-15:30	**IIIF - the International Image Interoperability Framework** Continuation of the previous session	Neil Jefferies
15:30-16:00	**Refreshment break**	
16:00-17:00	**IIIF: hands-on session** An optional opportunity for participants to explore the framework covered in the previous session.	Neil Jefferies

Friday 16th August		
Time	Session	Speakers

09:00-10:30	**Using TEI to encode and extract data** This session will serve as an introduction to the principles and practice of TEI-SML, the most widespread scholarly method of encoding texts. We will look at both how to encode texts within TEI, and the kinds of data we can extract from it, including getting hands-on with some encoding.	Sebastian Dows-Miller
10:30-11:00	**Refreshment break**	
11:00-13:00	**Computer vision and machine learning** This session will explore computer vision - or the extraction of data from images. Although digital humanists have a rich set of tools for searching and analysing text, images have until recently been less amenable to processing. The session will showcase tools developed by Oxford's Visual Geometry Group in collaboration with researchers in the humanities working in fields including book and art history, film, music and photography. Participants will gain an understanding of state-of-the-art computer vision operations such as image comparison, classification and search; of how humanists are currently using these methods; and how they can apply them to their own materials. We will use web demos and (optionally) user-installable software. No coding is required.	Giles Bergel
13:00-14:30	**Lunch**	
14:30-15:30	**Wrap-up session** An opportunity to draw together the threads of the week's presentations, and to reflect on next steps. There will also be an opportunity to ask any final questions, and to draw on the insight and experience of your fellow participants.	The convenors
15:30-16:00	**Break**	
16.00-17.00	**Closing keynote - The politics of mundane data losses in digital archival regimes**	Nanna Bonde Thylstrup

Online strand –

Monday 12th August		
Time	Session	Speakers
9.00 - 10.00	**Opening keynote**	
10.00-10.45	**Introducing Digital Scholarship** In this panel, the convenors and other libraries professionals will introduce some of their areas of interest and how they relate to digital scholarship, giving a wide, multi-perspectival view of the array of activities, opportunities, and challenges that digital scholarship bring to the libraries sphere.	William Nixon Chris Morrison Andrew Cusworth
10.45 - 11.00	Break	
11.00 - 11.45	**Intro to TEI** An introduction to text transcription and encoding in TEI, a common format in the creation of digital scholarly editions.	Andrew Cusworth
11.45 - 14.00	Break	
14.00 - 14.45	**An Overview of Digital Approaches to Texts** Texts form an essential part of the raw material for humanities scholarship. This session will explore the diversity of forms that digital texts can take, and then briefly explore various analytical approaches used by researchers.	Neil Jeffries
14.45 - 15.00	Break	
15.00 - 15.45	**Case Study: Automated Text Recognition and Digital Research at the British Library** The session will introduce participants to Optical Charter and Handwritten Text Recognition methods and tools and how they support digital practice and research at the British Library	Adi Keinan-Schoonbaert, Digital Curator, Asia and Africa Collections and Rossitza Atanassova, Digital Curator, Digitisation, British Library
15.45 - 16.00	**Break**	

Time	Session	Speakers
16.00 - 16.45	**Afternoon Ice Breaker**	

Tuesday 13th August		
Time	Session	Speakers
9.00 - 9.45	**Data Clean-up** An introduction to messy data and the ways it tends to be encountered (and cause problems) in collections environments, and some of the tools we can use to tidy it up.	Andrew Cusworth
9.45 - 10.00	Break	
10.00 - 10.45	**Digital Scholarship and AI** Reflections on AI and Digital Scholarship, LLLM, current practices, future prognostications	TBC
10.45 - 11.00	Break	
11.00 - 11.45	**Discovery and Digital Collections**	Kristen Schuster
11.45 - 14.00	**Break**	
14.00 - 14.45	**Artificial Intelligence in the Library (title tbc)** An introduction to the use of Artificial Intelligence and Machine Learning in the collections environment.	Mark Quinlan
14.45 - 15.00	**Break**	
15.00 - 15.45	**Text & Data Mining (TDM) 2**	Tom Crane

Wednesday 14th August		
Time	Session	Speakers
9.00 - 9.45	**IIIF 1** Practical Training using IIIF resources	Claire Knowles/Alison Harvey
9.45 - 10.00	**Break**	
10.00 - 10.45	**IIIF 2** Practical Training using IIIF resources	Claire Knowles/Alison Harvey
10.45 - 11.00	Break	
11.00 - 11.45	**IIIF Showcase** IIIF as a Basis for the Textual Analysis of Historical Prints	TBC
11.45 - 12.00	**Closing Session** Reflections, thank you, next steps	William J Nixon

Online strand – AI and Creative Technology

Wednesday 14th August		

Time	Session	Speakers
14:00 - 14:45	**An Introduction to AI** A long view on AI and Creativity, from Lovelace and Babbage, via the AI being developed since the 1950s, to the Machine Learning of today – then we can think about the future. On the way we will see some AI applications in scholarship and in creativity. The talk will include a spotlight on machine learning and music - and ask "Mimic or Muse?"	Professor David De Roure Director of Digital Scholarship at Oxford
14.45 - 15.00	Break	
15.00 - 15.45	**Semantic machines: Making use of Generative AI in a world without semantic mark-up** The major breakthrough of generative AI and specifically Large Language Models (LLM) is the ability to work with unstructured documents with no semantic mark-up. Combined with broad cross-linguistic capabilities, this has great potential for digital humanities across many disciplines. This session will explore the capabilities and limitations of Large Language Models when it comes to dealing with unstructured text, the key tools available to students and researchers as well as prospects of future developments.	Dominik Lukeš Assistive Technology Officer (DAS), Centre for Teaching and Learning, University of Oxford

Thursday 15th August		

Time	Session	Speakers
09.00 - 09.45	**AI in Our Evolving Knowledge Infrastructure** This talk looks at our "knowledge infrastructure" and its evolution, with AI/ML pervasively adopted as well as being a specific new capability. It takes a perspective	Professor David De Roure

	which embraces humanities and social science, and considers issues such as research integrity.	
09.45 - 10.00	**Break**	
10.00 - 10.45	**Virtual Rome: 3D modelling and digital cultural heritage** Prof Nicholls' session on Digital Cultural Heritage will introduce his large scale digital model of ancient Rome, which has been used extensively for teaching, outreach, and public facing work. He has published on the pedagogy of digital reconstructions and on public-facing 3D cultural heritage tools. Having worked in this field without previous experience or specialist knowledge, he is particularly keen on showing students and academics what can be done free and accessible tools. This session will consider how he built this model, addressing both methodological and practical questions; the academic uses of 3D reconstruction; the balance this brings up between creativity and scholarship; the uses of 3D reconstructions for research, teaching, outreach, and impact bearing activities; and the scope for using VR, AR, and public sharing of 3D content.	Dr Matthew Nicholls Professor of Classics, University of Reading & Senior Tutor, St John's College, Oxford.
10.45 - 11.00	**Break**	
11.00 - 11.45	**The *Fantasy Futures* Project** *Fantasy Futures: Imagining Immersive Innovation* brings Oxford University's Humanities researchers together with experts from the gaming and arts sectors for an experiment in co-creative collaboration. The project's ambition is to explore new ways to release the vast potential of immersive experiences to engage young and diverse audiences in cultural, ethical, and social exploration. In collaboration with external and internal partners, the project is developing a state-of-the-art immersive digital world, showcasing the latest augmented reality and motion capture technologies, to be unveiled in Oxford city centre in 2024. It will assess the different, interlocking ways that such experiences can enhance a city's visitor economy and cultural life. Employing independent evaluation experts, we aim to establish whether these social, cultural, and economic benefits could be replicated on an international scale.	Dr Victoria McGuinness Head of Public Engagement and Head of The Oxford Research Centre in the Humanities (TORCH)
11.45 - 14.00	**Break**	

14.00 - 14.45	**Ethnography as method: exploring the digital and auto realms** In this presentation I explore the different considerations that must be taken into account when researching digital environments through ethnographic methods. In order to update our understandings of ethnography in contemporary practice, we must take into account the tensions of hsitorical approaches to ethnography, and the specific practices that digital spaces require. Further, I consider the ethical imperative of reflexivity in ethnographies, and explore how autoethnographies operate as a feminist methodology to combat problematic hierarchies when researching different cultures.	Dr Poppy Wilde Senior Lecturer in Media and Communication, Course Director for MA Media and Cultural Studies, Birmingham City University
14.45 - 15.00	**Break**	
15.00 - 15.45	**Beyond Reality: AR/VR as a Catalyst in Digital Humanities Research** This talk explores the transformative potential of Augmented Reality (AR) and Virtual Reality (VR) within the realm of Digital Humanities, emphasizing their role not merely as tools but as objects of research. Understanding the future role of AR/VR is contingent on understanding how these technologies redefine our interaction with digital artifacts, enabling immersive experiences that enhance understanding and engagement in historical, cultural, and artistic studies. Through salient case studies and an overview of recent advancements, this talk will illustrate how AR/VR have the capacity to bridge the gap between the virtual and the tangible, offering novel perspectives and potential methodologies in the study of the humanities.	Professor Leighton Evans Associate Professor in Media Theory, Swansea University