Introduction to Digital Humanities

Monday 4th August

Zoom details:

Zoom link   https://zoom.us/j/93374296017?pwd=FAcba1mepEq6eUUbFmxf7aOK8r4tb8.1Links to an external site.
Meeting ID   933 7429 6017
Passcode   579228

Please note the opening and closing keynotes will be streamed on YouTube - visit the Keynotes page for those links.

Time	Session	Speakers
9:00-10:30	**Opening Keynote**	
10:30-11:00	**Break**	
11:00-12:30	**An Introduction to the Introduction** This session is an introduction to the Introductory strand. We know Digital Humanities can be daunting – it's hard to know what it is, which tools to use, and what skills you need to learn before embarking on your first (or third, or fifth!) DH project. This session will give you an introduction to the DH project lifecycle as a starting point for planning your dissertation, thesis or next big research project. We will work together to share the kinds of data, methods, and research questions we encounter in our own disciplines, and then expand on how you can manage your DH data effectively to give you results in the short-term, and your DH project a lengthy life as a resource for other scholars.	David De Roure Megan Gooch
12:30-14:00	**Lunch**	

14:00-15:30	**Machining the Archive** When is an archive digital? How does it relate to its non-digital forebear? What happens in a search? How do these questions affect how archives are used, how scholarship happens, how materials mean? These and other topics form the basis of a lecture & discussion considering some of the foundational questions of digital archival practice.	Andrew Cusworth
15:30-16:00	**Refreshment break**	
16:00-17:00	**Digital Editions** 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 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.	Jack Orchard Mark Rogerson Nicole Pohl

Tuesday 5th August

Time	Session	Speakers
09:00-10:30	**A Digital Humanities Toolkit** From a perspective of "the affordances of the digital" we look conceptually and practically at the digital approaches available to support humanities research, ranging from quantitative techniques to crowdsourcing, and our ability not just to use but to create new tools and infrastructures. The talk will draw on practical examples which participants can try for themselves.	David De Roure
10:30-11:00	**Refreshment break**	
11:00-12:30	**3D Modelling and Digital Cultural Heritage** In this talk Matthew Nicholls will introduce his 3D digital model of Ancient Rome, which has been used extensively in teaching, broadcast, industry collaborations, and public-facing work in ancient history (including this year in the production of Gladiator II). The talk will introduce 3D modelling as an accessible tool for use in many research and teaching contexts, and include a short interactive element for those who want to try out the free modelling tool 'SketchUp', using their own device. **This session will include an interactive component in which participants will get the opportunity to work with 3D modelling directly using the free tool SketchUp - please could you sign up for a free SketchUp account ahead of this session by using this link - https://www.sketchup.com/en/plans-and-pricing/sketchup-free Links to an external**	Matthew Nicholls

	[site.](please note that the account you make through the SketchUp website is called a "Trimble Identity' , referring to SketchUp's parent company, and your email confirmation will come from Trimble).	
12:30-14:00	**Lunch**	
14:00-15:30	**Large Language Models and the Humanities** The major breakthrough of generative AI and specifically Large Language Models 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 paper will explore the capabilities and limitations for 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 Lukes
15:30-16:00	**Break**	
16:00-17:00	**An introduction to linked open data and knowledge graphs for cultural heritage research** In this talk Erin will explain the fundamentals of linked open data and knowledge graphs before discussing how these technologies are being used in doctoral research co-supervised by the University of Oxford and the Victoria and Albert Museum examining museum-based critical cataloguing practices.	Erin Canning

Wednesday 6th August		
Time	**Session**	**Speakers**
09:00-10:30	**Introduction to TEI** An introduction to the basics and principles of text encoding and its long history in humanities research. This talk will cover the reasons behind and benefits of encoding different aspects of texts, from structural components (e.g. column, stanza) to form (e.g. raised letter, marginalia) to state of preservation (e.g. gap, overstrike) to content (e.g. place name, numeral). We will look at data modelling using different types of documents and levels of encoding and description which would suit them best. We will talk about generating search and indexing, recording multiple scholarly interpretations and data linking and interchange. A brief history of the Text Encoding Initiative will follow, covering its subsets and special interest groups.	Simona Stoyanova
10:30-11:00	**Refreshment break**	
11:00-12:30	**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