

Monday 3rd July

Time	Session	Speakers
09:00-10:00	Opening keynote - One step up: using digital humanities to bring community generated digital content into a national collection	Lorna Hughes
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	<p>Additional session - Speed Networking (O'Reilly Theatre)</p> <p>DHOxSS is a great place to meet other digital humanists, but sometimes it can be a bit daunting to just strike up a conversation. In this session we invite you to meet each other rapidly. You'll get just 2 minutes to meet another digital humanist before the bell goes and you meet another. This will be an enjoyable and efficient way to find others with similar interests, and to find out who to have longer conversations with throughout the week.</p>	

Wednesday 5th July

Time	Session	Speakers
09:00-10:30	<p>Working with semi-structured and tabular data</p> <p>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</p>	<p>Kaspar Beelen</p> <p>Mariona Coll Ardanuy</p> <p>Federico Nanni</p>
10:30-11:00	Refreshment break	
11:00-13:00	<p>Working with semi-structured and tabular data (continued)</p>	<p>Kaspar Beelen</p> <p>Mariona Coll Ardanuy</p> <p>Federico Nanni</p>
13:00-14:30	Lunch	
14:30-15:30	Exercises and catching-up session	
15:30-16:00	Refreshment break	
16:00-17:00	Additional lecture - Enhancing Collections Online	<p>Sarah Joomun</p> <p>Caroline Moreau</p>

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Thursday 6th July

Time	Session	Speakers
09:00-10:30	<p>Introduction to Natural Language Processing in Python</p> <p>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.</p>	<p>Kaspar Beelen</p> <p>Mariona Coll Ardanuy</p> <p>Federico Nanni</p>
10:30-11:00	Refreshment break	
11:00-13:00	Introduction to Natural Language Processing in Python (continued)	
13:00-14:30	Lunch	
14:30-15:30	<p>Topic modelling</p> <p>In this session we cover how to apply topic models for understanding the content of a corpus and discover underlying trends.</p>	<p>Kaspar Beelen</p> <p>Mariona Coll Ardanuy</p> <p>Federico Nanni</p>
15:30-16:00	Refreshment break	
16:00-17:00	Additional lecture - Shaping the UK-Ireland Digital Humanities Association (O'Reilly Theatre)	<p>Orla Murphy</p> <p>Michael Donnay</p> <p>Kristen Schuster</p> <p>Paul Gooding</p> <p>Arianna Ciula</p>

Friday 7th July

Time	Session	Speakers
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09:00-10:30	<p>Word embeddings</p> <p>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.</p>	<p>Kaspar Beelen</p> <p>Mariona Coll Ardanuy</p> <p>Federico Nanni</p>
10:30-11:00	Refreshment break	
11:00-13:00	<p>Transformers for NLP</p> <p>This session introduces the concept of contextualized word embeddings and shows how to use them for different tasks using the HuggingFace libraries.</p>	<p>Kaspar Beelen</p> <p>Mariona Coll Ardanuy</p> <p>Federico Nanni</p>
13:00-14:30	Lunch	
14:30-15:30	Questions and open discussion	
15:30-16:00	Refreshment break	
16:00-17:00	<p>Closing Keynote - Critical Technology Discourse – creating a space for a public reckoning with technology</p>	<p>Oonagh Murphy - Senior Lecturer in Digital Culture and Society, Institute for Creative and Cultural Entrepreneurship Goldsmiths, University of London</p>