**Digital Humanities and Digital Communication:**

**From digital data to digital tools for research and publishing**

**Unimore Doctoral Programme in Human Sciences**

**Summer School 2019** **/ Modena International Workshop 2019**

**June 3rd-7th, 2019**

**THE FOCUS**

Digital Humanities (DH) is a field in such a rapid expansion that its boundaries are difficult to identify. The easy access to digital resources and tools is giving rise to new scholarly practices in many different fields: the language sciences, literary studies, philosophy, history, the social sciences at large. On the one hand we have studies of digital communication and of the impact that the digital world is having on present day communication, memory and learning but also on the nature of digital-born data as such. On the other we have different kinds of data to be digitalized: textual, visual, auditory, often from historical documents to be transcribed or interpreted. The researcher also needs to be able to perform a number of operations with the data, ranging from acquisition to annotation and analysis. Finally, today’s researchers are facing the challenge of different forms of digital publishing, and new practices in the communication of their own knowledge.

The aim of the summer school is to reflect this variety of problems and perspectives. The disciplines covered will include all fields of the humanities. Aspects involved are:

- digital data/digital communication/social media

- digital publishing (and open access)

- digital public history and digital museum communication

- archives and corpora: creation, digitization, transcription

- annotation, querying, exploration and analysis of data (including - visual analytics of texts)

- identification of similarities, authorship attribution, clustering, extraction and annotation of themes and topics, extraction of recurring patterns and traits, language models

- exploration of corpora/archives for the study of cultural and or historical trends

- digital education and learning analytics

**Invited Speakers**

* **Massimo Riva (**Italian Studies, Brown University, director of the Virtual Humanities Lab) (digital publishing)
* **Geoffrey Williams** (Professor of Corpus Linguistics, Department of Document engineering, University of Bretagne) (digital publishing and open access)
* **Susan Hunston** (Dept. Of English, Birmingham, Centre for Corpus Research) (data analysis)
* **Fabrizio Sebastiani** (CNR, Pisa) "Machine learning for automatic text management"
* **Thomas Cauvin** (President of IFPH, Int. Federation of Public History) (digital public history)
* **Filippo Fineschi** (Polo Museale Fiorentino) (digital museum communication)
* **Sheila Anderson** (King’s college London, on archives and technology (to be confirmed)
* **Daniel Gatica-Perez** (IDIAP, School of engineering & college of humanities, EPF Lausanne) (social computing)
* **Julien Longhi** (Université Cergy Pontoise, Paris) (digital media/social media)
* **Massimiliano Corsini** (Unimore, Dept. Engineering Enzo Ferrari, Centre for DH) (visual analytics of texts)
* **Anna Dipace** (Unimore, Department of Education) (digital education and learning analytics)
* **Sonia Bergamaschi (**Unimore, Dept Engineering Enzo Ferrari) (Intelligent chatbots)

**APPLICATION PROCEDURE and DEADLINES**

Enrolment in the summer school includes:

* tuition and study materials
* coffee breaks
* WiFi access at the summer school venue

The total number of students will be limited to 24, part of them selected by the members of the international Board of the PhD programme.

**Application form**

The application form includes:

1. a **400 words abstract of the PhD project**

2. a short **CV**according to a given model (see appendix)