

# Rebus} Material | La circolazione di testi e immagini: Digital Iconography e annotazione diagrammatica - Workshop sulle Digital Humanities

Friday April 4, 2025, 10.30-15.00, online

**10:30-11:45**

**Barbara Tramelli, Free University of Bozen**

**Indexing the Early Modern Printed Image: *Le Livre Illustré à Lyon (1480-1600)***

The Lyon16ci and the 1516 are two databases created in the context of the Biblissima project ‘The Illustrated Book in Lyon 1480-1600’, which utilize the Visual Geometry group software called Iagematching to retrieve identical and similar images automatically. The visual and text search capabilities allow research scholars to track and investigate the production, use, circulation and copying of iconographic subjects and artistic styles within printed illustrated editions from the fifteenth and sixteenth centuries. As these databases combine visual and metadata search using the VISE software, they become instruments of knowledge that revisit the possibilities of searching through the printed image. How do we categorize and implement these visual capabilities? How do we develop the granularity of both visual and metadata search? Ultimately, which possibilities open up when working digitally with a complex artistic object such as an illustrated printed page? The talk will offer an insight on the collection of Renaissance printed illustrations gathered and analysed during the Biblissima project, discussing the production of illustrated books in one of the most important printing hubs in Europe during the sixteenth century, the city of Lyon, and focusing on the new digital art historical methodologies to index, search, and share these illustrations.

*Recommended links:*

Warburg Institute Iconographic Database

<https://iconographic.warburg.sas.ac.uk/home>

Lyon16ci

<https://www.robots.ox.ac.uk/~vgg/research/16ci/lyon/>

1516

<https://www.robots.ox.ac.uk/~vgg/research/1516/>

**11:45-12:30**

**Abishek Dutta, Visual Geometry Group - University of Oxford**

**An Introduction to Computer Vision Based Software Tools for Humanities Research**

This talk will showcase four software tools based on Computer Vision research that have been successfully applied to address many research questions in Humanities. First is a visual search engine which allows natural language based search of audiovisual archives. The search is based solely on visual content. Second is a suite of easy to use and light-weight tools for manual annotation of images and videos. Third is an image comparison tool that is being used for comparing different editions of the same text and for identifying variants between them (i.e. digital collation). Fourth is a visual search engine which can match fine image details and therefore is being used to understand the use and reuse of illustrations in early printed books like 15th century Venetian editions and 16th century Lyon collection. The software tools are released under an open source license which provides the freedom to use it for both academic and commercial purposes without any restrictions. The talk will also include demonstrations of these tools operating on audiovisual datasets taken from various research projects in Humanities.

**13:30-14:30**

**Valeria Federici**

**How to create an online exhibit from local and non-IIIF images**

This workshop aims to guide the class in the creation and publication of a IIIF manifest from image files available on their own computer (locally) in order to be able to compose their own web-accessible online display or exhibit. During the workshop, the class will learn some of the tools necessary to transform an image file into the IIIF format and to insert that image into a local IIIF manifest that will then be published and made available for web-based collection interaction. The goal is to create an online exhibit with its own materials accompanied by metadata, descriptions and guides to navigating the content. Platforms used include GitHub, Workbench, and Exhibit.so.

*Prerequisites:* have created a GitHub account following the instructions delivered at the previous meeting.

*Recommended Materials:* It is recommended to prepare a maximum of 4 high resolution image files (300 dpi; 2000x2000 pixels approx. At least one of the sides of the image should not be smaller than 2000 pixels). Images can be in .jpg or .tiff format.

**14:30-15:00**

**Q&A and project discussions**