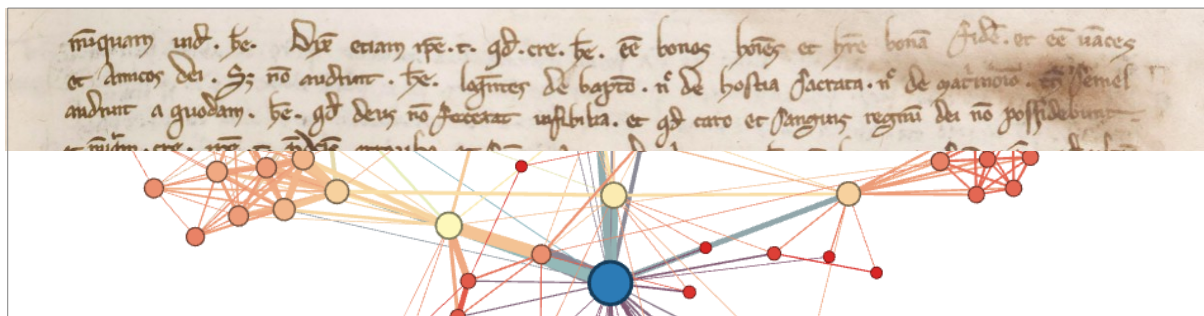# Digital Humanities at IMAFO: Series of Practically Focused Lectures and Workshops

Lectures and workshops within this series are intended primarily for the members of the IMAFO. They will be small and focused with required registration. Participants are encouraged to send their questions and suggestions regarding various topics in advance, so the lectures and the workshops can be tailored to their needs.

Jean-Paul Rehr: Network Visualisation of Historical Data

Date: 8th May (Wednesday), 2019
Time: 12:30-17:00
Place: Library, 3rd floor, IMAFO, Hollandstraße 11-13

Registration until **3rd May, 2019**
Send e-mail to jan.odstrcilik@oeaw.ac.at and to Marianne.Pollheimer@oeaw.ac.at

Jean-Paul Rehr is a Ph.D. candidate in Medieval History at Université Lumière Lyon 2 / CIHAM. He works on early inquisition and heresy, notably MS 609 of the Bibliothèque municipale de Toulouse, the oldest extant original document from the first generation of heresy inquisition (*inquisitio heretice pravitatis*). This massive manuscript contains the registry of the so-called "Great Inquisition" of 1245-46, and features the statements from the interrogations of over 5,500 people from over 100 villages around Toulouse. The depositions cover a wide range of subjects, from heresy to quotidian life in the thirteenth century. Jean-Paul has prepared a digital edition of this valuable document in XML-TEI within eXistDB, and uses Gephi for visualisation of networks of accusations of heresy. The edition is hosted by the CNRS's Digital Humanities infrastructure found at de Heresi: Documents of the Early Medieval Inquisition.

The workshop will be divided in three parts. Firstly, Jean-Paul will discuss his research and the visualisation and methodological issues he has encountered along the way. Secondly, a practical part

will focus on intermediate training Gephi focusing on connecting visualisation with research questions. Finally, at the end, there will be time for specific questions regarding your own data. You are also encouraged to try to input some of your own data into Gephi or to submit issues you would like to discuss in the workshop in advance.

To make the workshop efficient, it is required that the participants **before the workshop**:

-   consider which of your data may be suitable for visualisation and what issues you may consider obstacles

-   read Rehr's recent article which reflects network visualisation integrated into historical research (English language, 1-2 hrs)

-   install Gephi on their computers (30 mins)

-   go through a basic tutorial on getting data into Gephi and creating basic visualisations (1-2 hrs, see the tutorials of Jen Golbeck or Martin Grandjean)

-   download pre-formatted data for experimenting with Rehr's data in Gephi (15 mins) from http://medieval-inquisition.huma-num.fr/get?obj=remapping_the_great_inquisition-support-gephi.zip

If you need any help with installing Gephi or the basic tutorial, do not hesitate to contact Jan Odstrcilik, jan.odstrcilik@oeaw.ac.at .

In the evening, there will be an informal dinner. If you would like to join us, please, state it in your registration.

Overview of all planned workshops:
29th May (Wednesday), Slavomír Čéplö – Linguistic analysis of texts
17th June (Monday), Tobias Hodel – Automatic transcription of manuscripts (Transkribus)

Previous workshops:
24th April (Wednesday), Marjorie Burghart - Scholarly Digital Editions in TEI XML: a Workshop