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Visual analytics in the digital humanities

Digital humanities have left the phase of early adoption – spoken from a point of view of technology diffusion. Visualisations – and among them dominantly network visualization – became part of canonical methods applied to texts, images, objects and to all other kind of ‘data’ humanists work with.

This presentation attempts a description of the state-of-art when it comes to the application of visualisations of complex phenomena in digital humanities fields. It does so by combining bibliometrics methods with hands-on experiences from a former COST Action Knowescape. In particular, we look at visualisations at the interface of collection holders (cultural heritage institutions, libraries and archives) and humanities scholars using those resources.

Short biography

Andrea Scharnhorst holds a Diploma in Statistical Physics and a PhD in Philosophy of Science both from the Humboldt University Berlin, Germany. She is head of the research and innovation competence group at Data Archiving and Networked Services - an institute of the Royal Netherlands Academy of Arts and Sciences and the Netherlands Organisation of Scientific Research. She works currently as Chief Integration Officer at DARIAH.EU - an ERIC in the humanities and social sciences. She has edited books about innovation processes (with Andreas Pyka; *Innovation Networks*; Springer 2009); new research practices in the humanities (with Anne Beaulieu, Paul Wouters, Sally Wyatt; *Virtual Knowledge*; MIT 2012) and understanding science dynamics (with Katy Börner, Peter van den Besselaar; *Models of Science Dynamics*; Springer 2012). She got numerous project grants on national and international level. Most recently, the NWO grant Re-Search (<https://searching-research-datasets.weebly.com>) and the TAP grant Digging into the Knowledge Graph (<https://diggingintodata.org/awards/2016/project/digging-knowledge-graph>). From 2013-2017 she chaired the COST Action TD1210 Knowescape (www.knowescape.org). She has co-run a digital humanities programme at the former eHumanities group at the Royal Netherlands Academy of Arts and Sciences from 2011 to 2016 (<http://www.ehumanities.nl/archive/2013-2016/>).