



Digital Humanities – Ein Ausblick

Colloquium Sommersemester 2016

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Outline



1. Introducing DH through an example
2. DH organisations' self-definitions
3. Organisational issues
4. DH curricula
5. Some current debates in DH

This presentation is about the international situation with few if any explicit links to the situation in Cologne.

A digital humanist



- Math, computer science, general literature
- Libraries
- Digitisation
- Computer systems for collections, research and education
- Text encoding
- Text modelling and mapping

alt-ac

Why digital?



- More than using a computer
- Keywords:
 - modelling
 - statistics
 - visualisation
 - programming
 - co-operation

Why humanities?



- Interesting area of application for computer science
- But also the usual arguments for the humanities, including:
 - culture
 - values
 - why (not just how)
 - meaning of life

Conferences and journals



- Digital Humanities (was: ALLC/ACH)
- Regional and thematic conferences
- DSH: The Journal of Digital Scholarship in the Humanities
- DHQ (Digital Humanities Quarterly)
- Digital Studies / Le champ numérique
- ...

Example topics



- What are people actually doing?
- The values of the DH community as it is displayed through bursaries and prizes.

Busa Prize



The Busa award is given to recognise outstanding lifetime achievements in the application of information and communications technologies to humanities research.

- 1998: Father Roberto Busa
- 2001: John Burrows
- 2004: Susan Hockey
- 2007: Wilhelm Ott
- 2010: Joseph Raben
- 2013: Willard McCarty
- 2016: Helen Agüera

Zampolli Prize



The Zampolli award is given to recognise a single outstanding output in the digital humanities by any scholar or scholars at any stage in their career.

- 2011: Chad Gaffield
- 2014: Ray Siemens

Fortier prize



The Prize is given for the best paper by a young scholar/early stage researcher at each annual DH conference.

- 2010: Maciej Eder (Poland): “Does Size Matter? Authorship Attribution, Small Samples, Big Problem.”
- 2011: Scott Weingart and Jeana Jorgensen (USA): “Computational Analysis of Gender and the Body in European Fairy Tales.”
- 2012: Marc Alexander (UK): “Patchworks and Field-Boundaries: Visualizing the History of English.”
- 2013: Courtney Evans and Ben Jasnow (USA): “Mapping Homer's Catalogue of Ships.”
- 2014: Marie Saldana (USA): “An Integrated Approach to the Procedural Modeling of Ancient Cities and Buildings.”
- 2015: Micki Kaufman (USA): “‘Everything on Paper Will Be Used Against Me’: Quantifying Kissinger.”

DH conference Bursaries 2015



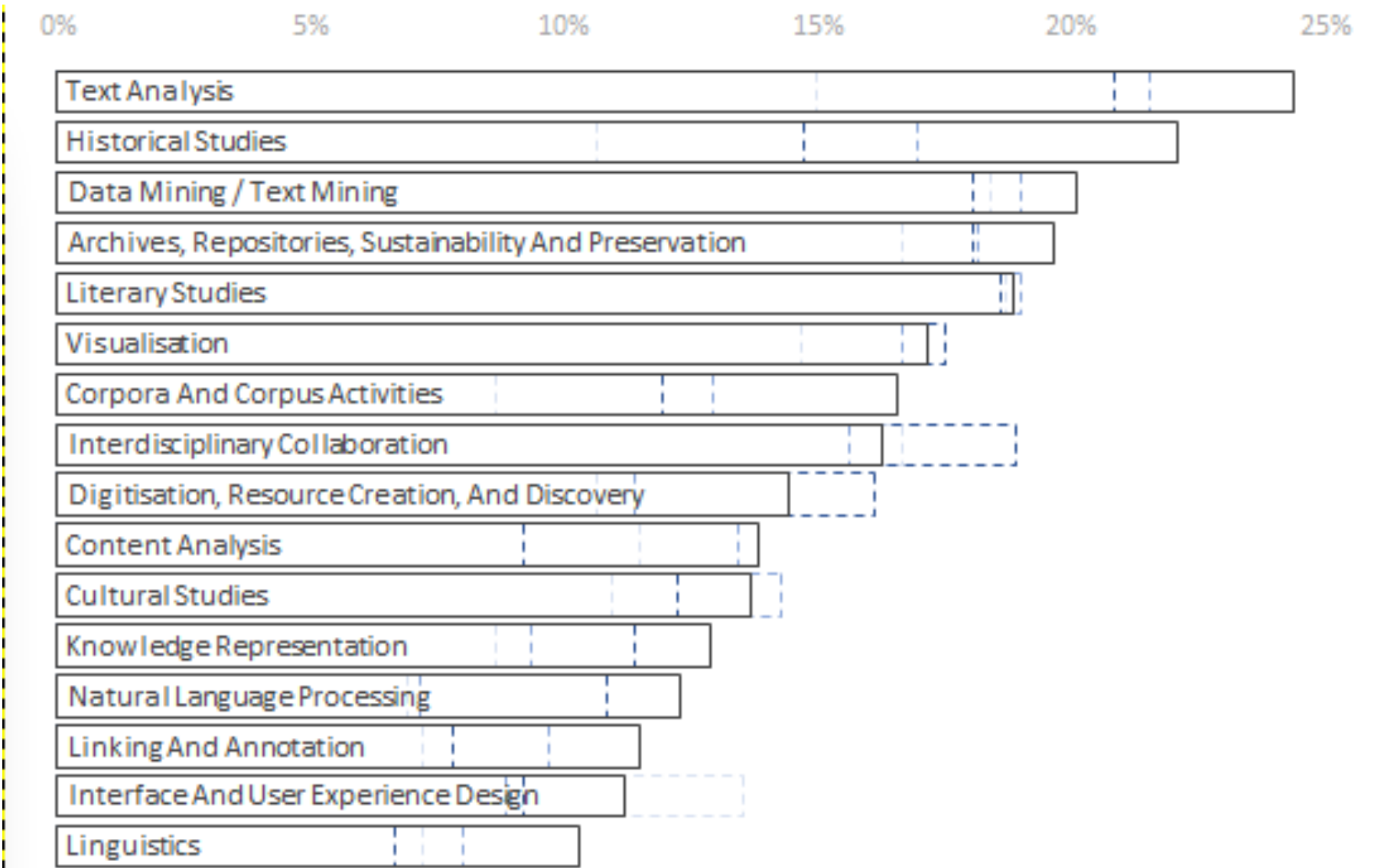
- Matthew Lincoln (USA): Modelling the (Inter)National Printmaking Networks of Early Modern Europe
- Yuta Hashimoto (Japan): KinDigi Social: A Mobile-centered Social Annotation Platform for the Kindai Digital Library
- Thomas George Padilla and Bobby Lewis Smiley (USA): Modeling Approaches to Library-led DH Pedagogy
- Michael Gregory Falk (UK): Modelling Genre Using Character Networks: The National Tales and Domestic Novels of Maria Edgeworth
- Gimena del Rio Riande (Argentina): New Developments in Quantitative Metrics
- Daniil Skorinkin (Russia): Automatic semantic tagging of Leo Tolstoy's works
- Peter Michael Broadwell (USA): ElfYelp: Geolocated Topic Models for Pattern Discovery in a Large Folklore Corpus

DH conference Bursaries 2015

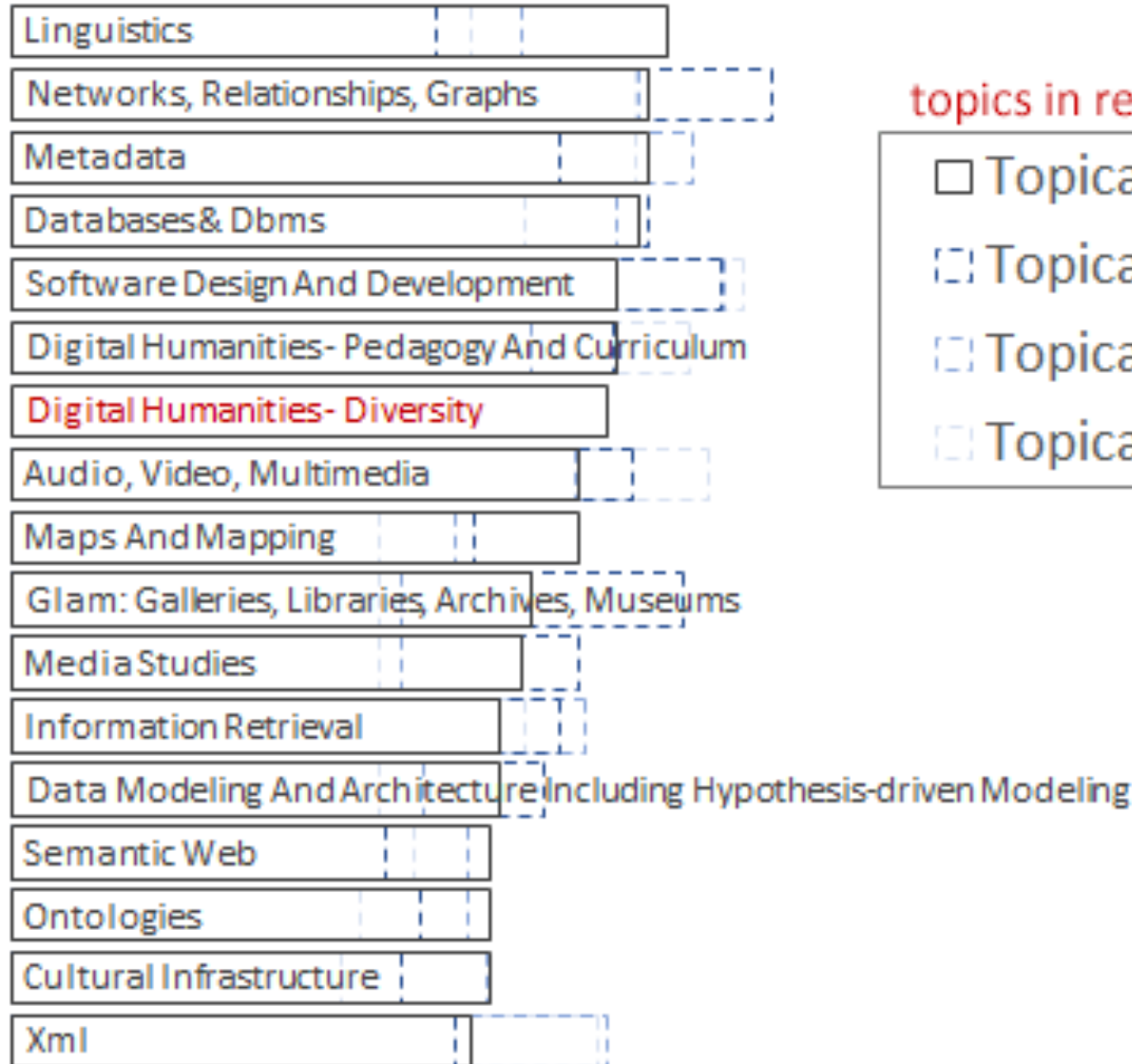


- Sascha Heße (Germany): An Efficient Collaborative Web-based Working Environment For The Creation Of A Digital Sanskrit Dictionary
- Piotr Marecki (Poland): Renderings: Translating Literary Works in the Digital Age
- Sarah Galletly (Australia): The Transported Imagination: Magazines, Travel And The Pacific 1920s-30s
- Daniel James Powell (Canada): Crowdsourcing the Text: Contemporary Approaches to Participatory Resource Creation
- Micki Kaufman (USA): ‘Everything on Paper Will Be Used Against Me’: Quantifying Kissinger
- Christina Kamposiori (UK): Tales Of A Discipline In The Digital Age: Information Practices And Needs In Art History

DH 2016 by keyword



DH 2016 by keyword



topics in red were added this year

- Topical coverage in 2016
- Topical coverage in 2015
- Topical coverage in 2014
- Topical coverage in 2013

DH 2016 by keyword



- Scholarly Editing
- Bibliographic Methods / Textual Studies
- Digitisation - Theory And Practice
- Stylistics And Stylometry
- Teaching And Pedagogy
- Standards And Interoperability
- Internet / World Wide Web
- Project Design, Organization, Management
- Information Architecture
- Multilingual / Multicultural Approaches
- Digital Humanities - Multilinguality
- Digital Humanities - Institutional Support
- Geospatial Analysis, Interfaces And Technology
- Digital Humanities - Nature And Significance
- Publishing And Delivery Systems
- English Studies
- Authorship Attribution / Authority



DH 2016 by keyword



- User Studies / User Needs
- Programming
- Semantic Analysis
- Encoding - Theory And Practice
- Digital Humanities- Facilities
- Art History
- Classical Studies
- Crowdsourcing
- Spatio-temporal Modeling, Analysis And Visualisation
- Creative And Performing Arts, Including Writing
- Medieval Studies
- Philology
- Social Media
- Image Processing
- Philosophy
- Copyright, Licensing, And Open Access



DH 2016 by keyword



- Virtual And Augmented Reality
- Music
- History Of Humanities Computing/digital Humanities
- Archaeology
- French Studies
- Games And Meaningful Play
- German Studies
- Genre-specific Studies Prose, Poetry, Drama
- Concording And Indexing
- Lexicography
- Asian Studies
- Anthropology
- Hypertext
- Translation Studies
- Other
- Folklore And Oral History
- Renaissance Studies
- Spanish And Spanish American Studies
- Mobile Applications And Mobile Design

DH 2016 by keyword



- Gender Studies
- Film And Cinema Studies
- Italian Studies
- Agent Modeling And Simulation
- Theology
- Rhetorical Studies
- Query Languages
- 3D Printing**
- Near Eastern Studies
- Morphology
- Machine Translation
- Speech Processing
- Text Generation
- Prosodic Studies
- Law

TLAs and friends



- ADHO, EADH, ACH, CSDH/SCHN, aaDH, JADH, centerNet, DHd, DHN, Humanistica, etc.
- One global umbrella: ADHO
- Regional organisations: Europe, USA, Canada, Australasia, Japan
- centerNet
- National/language based organisations
- Neighbours: thematic organisations

Language vs. country



- An organisation for Germany or for the German language?
- Spain or Spanish?
- France or French? (the Canadian CSDH/SCHN is fully bilingual, Humanistica is a French-lingual organisation)

But what is it, really?



- Material from the humanities and tools from computer science
- Material from the humanities and methods from computer science
- Methods from the humanities and methods from computer science

Encircling through examples

Research, curriculum, and DH



- The English Department case
- Centre or department?
- Faculty of arts or computer science
- From Digital Humanities to Digital History, Digital Musicology, ...
- Infrastructure vs. research and education

Example: what everyone needs



- Scripting and coding
- Programming, need to *make* something
- Databases
- Collaboration
- XML family
- Assessment
- User-oriented design
- Project management
- Game design
- Sustainability
- Accessibility
- Writing
- The difference between information and knowledge

(THATCamp 2010 Session on DH teaching/curriculum)

Example: English department



- Humanities is already digital, but:
- Use the computer to do something only it can do?
- Read every book published in the 19th century?
- Visually break down and compare the language in two volumes of poetry?
- Laying out a novel in geographical space?
- What would it mean to read a book as a distributed crowd?

(English 389 Intro to DH, Emory U., Brian Croxall)

Example: DH and Cultural Informatics



- a) Transformation of the study of the humanities by digital technology as a critical and reflective component of DH at the heart of the proposed course
- b) Digital record-keeping and data processing, engage with new forms of textuality
- c) Practical skills in electronic archiving, processing, editing and presentation of cultural material
- d) Train students to apply principles of textual, editorial and communication theory to technical situations

(One-year PG Diploma Course, Jadavpur University)

Debates



- Controversies flourish, especially the last five years
- A sign of strength
- Jockers, Moretti
- Nature 2007: “Quantifying the evolutionary dynamics of language”
- Revenge of positivism
- Hot air textuality
- Inclusivity

DH types I and II



- I. A community of people around TEI, ALLC, ACH, CCH from the early nineties, with roots back in time. Humanities computing, multi-disciplinary, set of practices. Building things.
- II. The recreation of the humanities itself after some technological event horizon. Humanistic inquiry that in some way relates to the digital. Understanding things.

(Stephen Ramsay)

Three orders of DH



1. Laboratores: those who work. Interested in practical aspects, leading to concrete results.
2. Bellatores: those who fight. Defence of DH, politically and intellectually. Give DH their own separate disciplinary status, providing academic careers.
3. Oratores: those who pray. Non-practising believers interested by the phenomenon and enthusiastic, but not involved in any practical aspect.

(Marjorie Burghart)

Big tent? A house without a roof?



- If use of a computer is the criterion, then DH=humanities.
- Level of integration with the tools is the scale we are discussing
 - use?
 - understand?
 - modify?
 - make?
 - conceptualise?

Cross-disciplinary humanities



...with a touch of computer science.

Is it all really just an excuse to cross disciplinary boundaries?

And if so, why not?

Language issues, cultural issues



- How to be international?
 - translate CFP?
 - accept presentations/papers in many languages
- Or is it something more complex
 - understanding differences in scholarly argument
 - which English do we use?
 - restricted to simple, understandable, “poor” language?
- What is an international language?

Or something much simpler?



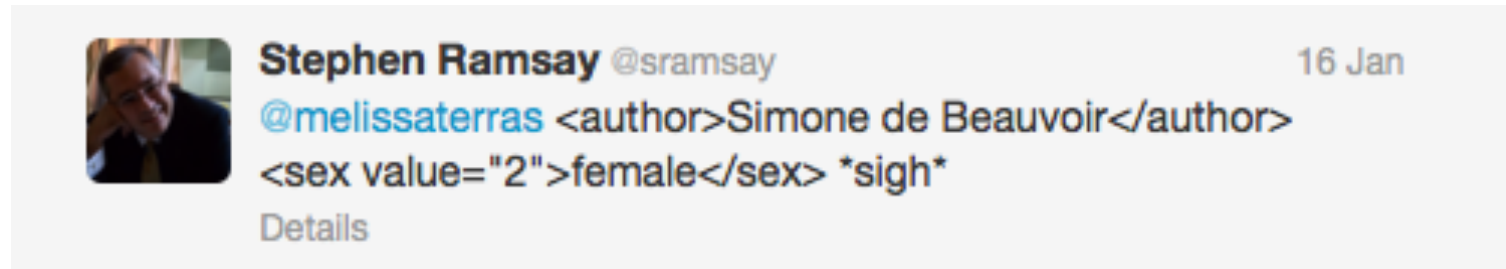
- UK PhD student scholarship (“fully funded”): £ 14,000/year
- Norwegian PhD researcher salary: NOK 365,000 or more/year.
- From the Global Outlook::Digital Humanities discussion: “500 usd for an 20 pages essay is a tremendous amount of money in Cuban Standard”

It's just a tool, get over it



- Tools use vs. tool critique
- XML represents an ordered hierarchy of content objects—the problem of overlap
- Criticise it or work around it?
- Need a variety of tools
- Tools used by the marginalised
- Tools developed by the marginalised?

Marginalisation, representation, change



“the TEI Council meeting in Brown, 2013-04, we agreed to change the datatype of person/@sex, personGrp/@sex and sex/@value from ISO 5218 to data.word, so as to allow the use of locally defined values or alternative published standards to be used in these attributes.”

Being a reindeer herder



- A historian who is also a war gamer has a certain set of knowledge and skills
- An anthropologist who grew up as a reindeer herder can and know certain things from the inside
- A humanities researcher who is also a programmer knows techniques, methods and has skills.

From margin to headline



- When the alt-ac becomes professor, she is no longer marginalised
- Now digital humanities professors are attacked for being imperialistic, power centric, and focused on the Anglo-American scholarly world.

This is fine

How open are we?



- The whole ADHO system is to a large extent funded by members and institutions through the OUP journal DSH.
- Is open data, open results, and free research publications a nice goal or a prerequisite for acceptable scholarly work?
- If the latter is the case, then the DH organisations must change their ways

Working together



- DH is usually based on co-operation in projects
- Different skills
- Different knowledge
- Respect. Not both ways, but all ways.
- The programmer and the librarian
- Helping hand or partner

Links 1



- DH conference: <http://dh2013.unl.edu/>
- DSH: <http://dsh.oxfordjournals.org>
- DHQ: <http://www.digitalhumanities.org/dhq/>
- Digital Studies / Le champ numérique: http://www.digitalstudies.org/ojs/index.php/digital_studies/
- DH prizes and bursaries: <http://adho.org/awards/>
- Submissions to DH2016: <http://scottbot.net/submissions-to-dh2016-pt-1/>
- ADHO: <http://adho.org/>
- EADH: <http://eadh.org/>
- ACH: <http://www.ach.org/>
- CSDH/SCHN: <http://csdh-schn.org/>
- aaDH: <http://aa-dh.org/>
- JADH: <http://www.jadh.org/>
- centerNet: <http://digitalhumanities.org/centernet/>
- DHd: <http://dig-hum.de>

Links 2



- DHN: <http://dig-hum-nord.eu>
- Humanistica: <http://www.humanisti.ca>
- THATCamp 2010 Session on DH teaching/curriculum: <http://tinyurl.com/lspacdj>
- English 389 Intro to DH, Emory U., Brian Croxall: <http://www.briancroxall.net/dh/syllabus/>
- One-year PG Diploma Course, Jadavpur University: <http://sctrdhci.wordpress.com/>
- “Quantifying the evolutionary dynamics of language”: <http://www.nature.com/nature/journal/v449/n7163/abs/nature06137.html>
- Stephen Ramsay’s type I and II: <http://stephenramsay.us/2013/05/03/dh-one-and-two/>
- Marjorie Burghart’s three orders: <http://dhiha.hypotheses.org/817>
- Global Outlook::Digital Humanities: <http://www.globaloutlookdh.org/>
- Melissa Terras on the second sex: <http://melissaterras.blogspot.co.uk/2013/05/on-changing-rules-of-digital-humanities.html>

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The article:

Eide, Øyvind. “What is the Digital Humanities.”

Innovative Infotechnologies for Science, Business and Education,
1(16) (2014), 14–21.

Link to online paper from: <http://www.oeide.no/publ/>