

DH in Germany and beyond

Øyvind Eide
oeide@uni-koeln.de
@oeide



Digital humanities in:

- Cologne
- Germany
- beyond



Cologne



Study programmes in Cologne

- Media studies
 - Media computer science
- Information systems
- Medieval studies
- IT Certificate
- Computational archeology
- Hyphen computer science



Information systems BA

- 2 Subjects
 - Information systems + another: history, German studies, ethnography, ...
- 30–40 new students yearly

Basismodul 1

Basisinformations-
technologie (BIT)

Basismodul 2

Basissysteme der
Informations-
verarbeitung (BSI)

Basismodul 3

Computerlinguistik

Basismodul 4

Software -
technologie

Aufbaumodul 1

Angewandte
Linguistische
Datenverarbeitung

Aufbaumodul 2

Humanities
Computing

Media computer science BA

- 1 Subject
- Part of media studies
- 60–70 new students yearly

Basismodul 1

Basisinformations-
technologie (BIT)

Basismodul 2

Basissysteme der
Informations-
verarbeitung (BSI)

Basismodul 3

Software-
technologie (C++)

Aufbaumodul 1

Medieninformatik

Aufbaumodul 2

Humanities
Computing

Aufbaumodul 3

Visuelle
Programmierung

Information systems MA

- 1 Subject
- 5–10 new students yearly

Aufbaumodul 1

Softwaretechnologie für Fortgeschrittene

Aufbaumodul 2

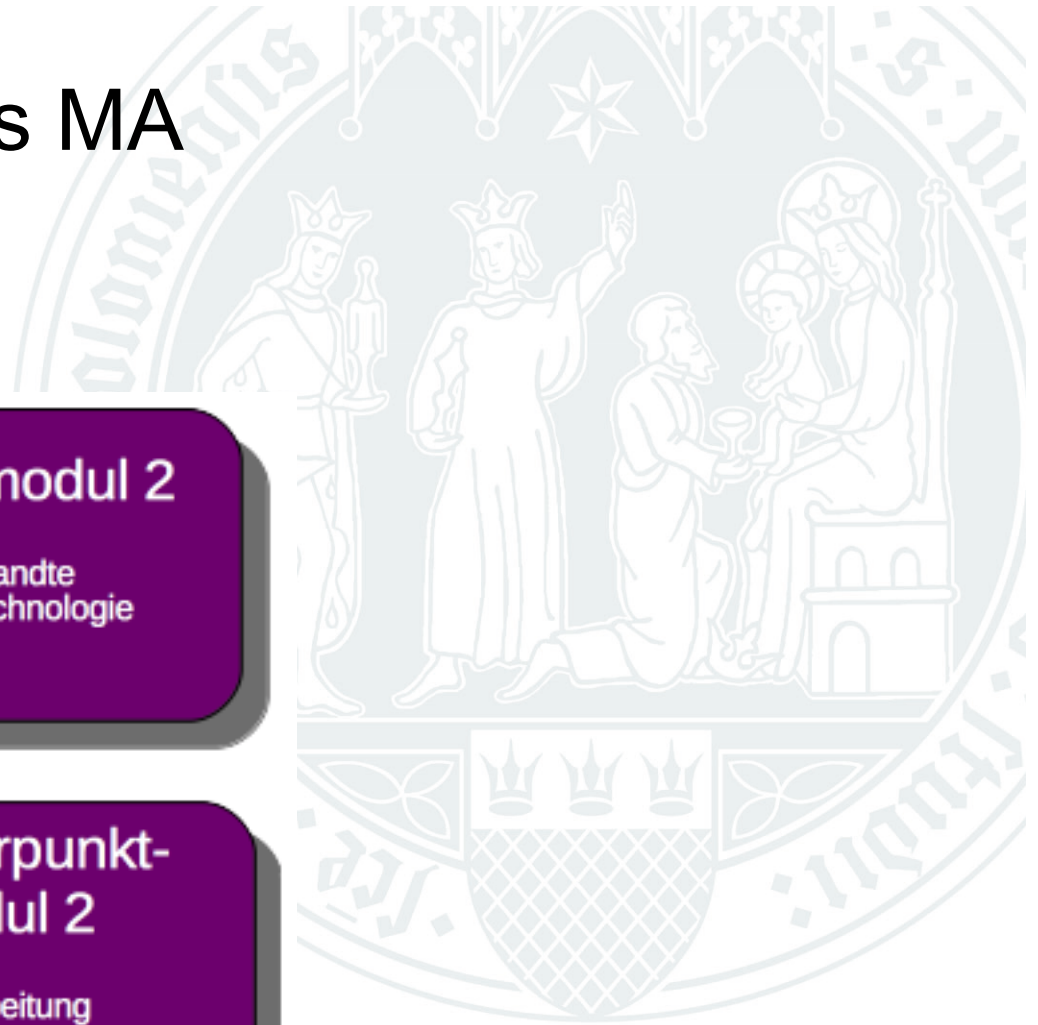
Angewandte Softwaretechnologie

Schwerpunkt-Modul 1

Verarbeitung von Textdaten

Schwerpunkt-Modul 2

Verarbeitung mehrdimensionaler Daten



Information systems MA

- 1 Subject
- 5–10 new students yearly



Ergänzungs- Modul 1

Künstliche Intelligenz

Ergänzungs- Modul 2

Digital Humanities

Ergänzungs- Modul 3

Visuelle Programmierung

Ergänzungs- Modul 4

Informatik I

Ergänzungs- Modul 5

Archäoinformatik

Ergänzungs- Modul 6

Empirische Methoden

Ergänzungs- Modul 7

Forschungspraktikum

Ergänzungs- Modul 8

Mobilität

Media computer science MA

- 1 Subject
- Part of media studies
- 5–10 new students yearly
- Subset of Information systems MA
 - Advanced SW technology
 - Applied SW technology
 - Handling of multi-dimensional data



IT Certificate

- Open for all Cologne students
- Practical teaching
 - "IT for humanists"
 - Tool oriented
- Advanced IT Basics
 - OS, console, digital images, webserver, smtp, imap, VPN, ...
- Advanced Web Basics
 - HTML5, CSS, Javascript, jQuery
- Tools & Methods in Digital Humanities
 - Javascript, AJAX, Bootstrap, jQuery, XML, JSON, PHP, ...
- Digital Object Processing (DOP) – CMS vs. DL
 - Why are metadata important?



Other study programmes

- Medieval studies MA
 - Two optional modules
- Computational archaeology
 - 2 way teaching cooperation
 - International MA (English language) under development
- Ad hoc co-teaching at MA level
 - Sarazenerliteratur
 - Galatea in late medieval times
 - ...



What do they learn?

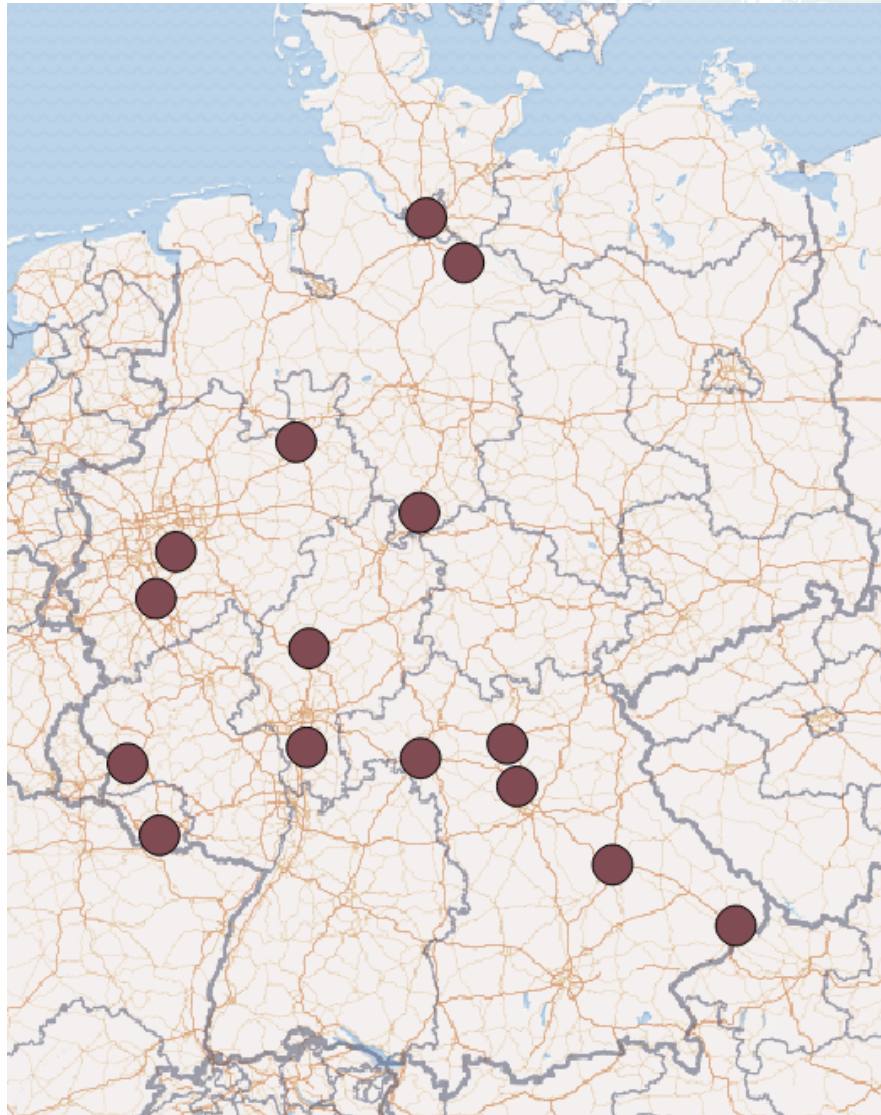
- Media computer science and Information systems
 - educating humanities candidates who can program
- IT Certificate, computational archaeology, MAMS
 - educating competent tool users
- Does not educate computer scientists
 - but some get close
- Experimental, playful, visual
 - Text, image, sound, 3D, VR, games, hardware
 - Project based
 - from conceptualisation to implementation



Germany



Some DH study programmes



Digital Humanities im deutschsprachlichen Raum (DHd)

- Largest DH organisation in the world
 - except EADH but
 - all members of DHd are EADH members
- Language based organisation
- Working groups
- Conferences
- ...



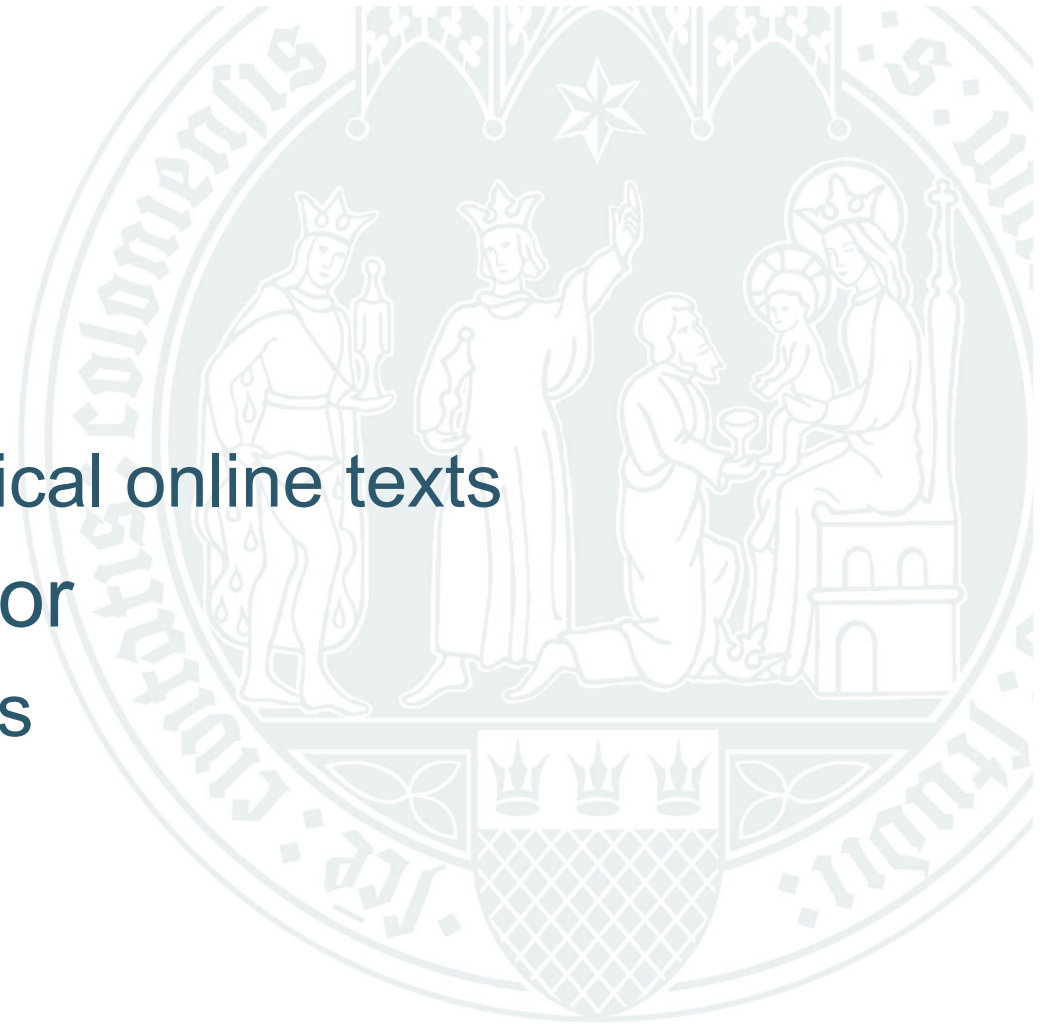
DHd conference

- Passau 2014
- Graz 2015
- Leipzig 2016
- Bern 2017
- Cologne 2018



Gregory Crane

- Perseus project
 - 25 years of classical online texts
- Humboldt-professor
 - Digital Humanities
 - Leipzig
 - 2013–2018
 - 5m €



Beyond



The world of DH: ADHO COs

- EADH: Europe
 - DHd: German speaking
 - AIUCD: Italy
 - DHN: Nordic countries
 - CzADH: The Czech Republic
 - DH Russia
 - DH Benelux
- ACH: USA
- CSDH/SCHN: Canada
- DHA: Australasia
- JADH: Japan
- centerNET: DH centres
- Humanistica: French
- TADH: Taiwan
- DHASA: Southern Africa



The world of DH: ADHO SIGs

- GO::DH
- GeoHumanities
- Libraries and DH
- Linked open data
- Digital Literary Stylistics
- Audiovisual Data in Digital Humanities



Other organisations (examples)

- RedDH: Mexico
- DHAN: Nigeria
- HDH: Spanish
- AHDig: Portuguese
- TEI: text encoding
- CAA: computational archaeology
- Less formal networks
- Activist groups
- Computational linguistics...
- Game studies...



The future of DH

- Data and tools will be digital
 - will all humanities be digital?
- Analogue humanities
 - use digital media, but
 - analyse analogised versions
 - reading a text
 - listening to music
- Digital humanities
 - also analyse data in digital form
 - word frequencies
 - patterns in music
 - modelling tools



Thank you / Giitu / Takk / Kiitos

<http://oeide.no/>

<http://dh.uni-koeln.de/>

<http://dig-hum.de/>

<http://eadh.org/>

<http://adho.org/>

