Create Impact with your eHumanities and eHeritage Research

(Juliane Stiller and Klaus Thoden)

A Webinar of the PARTHENOS eHumanities and eHeritage Series

Webinar start: 08.02.2018, 11:00 CET
Moderation: Ulrike Wuttke
(University of Applied Sciences Potsdam)

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PARTHENOS eHumanities and eHeritage Webinar Series

Create Impact with your eHumanities and eHeritage Research

Juliane Stiller (Humboldt-University Berlin) & Klaus Thöden (Max Planck Institute for the History of Science, Berlin)

Date and Time: 08.02.2028, 11:00 - 12:00 CET
Moderation: Ulrike Wuttke (University of Applied Sciences Potsdam)

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Some Housekeeping…

• As a participant you will be muted and not be seen throughout the webinar.

• For questions and remarks please use the chat. For questions, please use the word question.

• Your questions are going to be answered by the trainers during / after the presentation.

• If you have sound problems, please test your technical settings. You have to click on the speaker symbol on top to be able to hear (it has to be green).

• Help us improve: Follow up e-mail with a link to a short feedback survey.
Some words about PARTHENOS...

- **PARTHENOS** stands for: Pooling Activities, Resources and Tools for Heritage eResearch Networking, Optimization and Synergies
- PARTHENOS is a **Horizon 2020** project with the aim to **strengthen the cohesion of Heritage related E-research**
- Running time: 1 May 2015 - 30 April 2019
- PARTHENOS has 16 partners from 9 European countries
- PARTHENOS Coordinator: PIN Scrl (Italy)
- The PARTHENOS webinar series is a **cross PARTHENOS training effort**
Create Impact with your eHumanities and eHeritage Research

Trainers

Dr Juliane Stiller
(Humboldt-University Berlin, Germany)

Klaus Thoden, M.A.
(Max Planck Institute for the History of Science, Berlin, Germany)

Moderation

Dr Ulrike Wuttke
(University of Applied Sciences Potsdam, Germany)

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Which country are you participating from?
Create Impact with your eHumanities and eHeritage-Research

Juliane Stiller & Klaus Thoden
Research Life Cycle

- Develop research question
- Plan research project
- Carry out research
- Analyse data
- Publish results
The Scholarly workflow is changing in terms of

- Information infrastructures we use,
- Research objects we study,
- The way we link knowledge,
- The way we collaborate,
- The spaces in which research takes place,
- The research methods we practice,
- The research results we publish,
- The way we disseminate results,
- The way we measure impact,
- And much more.
Infrastructures
Research Objects

"Manuscript" von clio1789 (CC BY-NC-ND 2.0)

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Linking Knowledge


"Women (v.1, 149-50, footnote)" by Early Novels Database (CC BY 2.0)
Collaboration

Jan Vermeer: De astronoom

„Europeana-9“ von Europeana EU (CC BY-SA 2.0)
Spaces

„David (Michelangelo)“ von Olivier Bruchez (CC BY-SA 2.0)

Gif from video „David Statue by Michelangelo 3D model“ by soulstice 3D

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Publications

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Methods
Dissemination
Impact

Screenshot of InCites Journal Citation Reports

Screenshots of altmetrics in PLOS

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In this webinar, we will investigate ...

- How you can create impact with your research by
  - Using enhanced publication forms
  - Disseminating your research output widely
  - Communicating benefits of your research to stakeholders
And you?

• If you do not see the poll, please exit the full screen
Changing the Way We Publish
Exploring new ways of publishing

Robert Goulding’s desk, working on the manuscripts of Thomas Harriot

Screenshot of a Graphgist with Impactomatrix data
Exploring new ways of publishing

- New research methods
- New forms of output
- Documentation of methods, datasets, tools, parameters
- Transparent research
• No reward or reputation for data publications
• Raw data regarded as too precious to publish
• Thus no incentive to publish them
Exploring new ways of publishing

A map of the internet as of 2003, The Opte Project (CC-BY-NC)

A map of the internet as of 2010, The Opte Project (CC-BY-NC)

A map of the internet as of 2015, The Opte Project (CC-BY-NC)
Exploring new ways of publishing

- Offering content as webpages means removing boundaries between resources
  - Fine grained citations
  - Re-use of browser functionalities (e.g. annotations)
- Adaption of sources to media type (big screen vs smartphone)
Exploring new ways of publishing

1. Alvarus Thomas and sein Liber de triplici motu

1.1 Forschungsschwerpunkt zur Literatur über Alvarus Thomas


Alvarus Thomas setzte sich für die Einführung von Mathematik in die Literatur ein. Er war der erste, der eine umfassende Darstellung der Erkenntnisse der Mathematik in Latein schrieb. Seine Arbeiten waren von großer Bedeutung für die Entwicklung der Mathematik in Europa.

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HS 0106 (size: 94.20MB) (Download - meshlabJS)

Die Qualität der Ansicht der Scans im Browser ist häufig ungenügend. Zum besseren lesen empfiehlt sich der Download und eine Ansicht z.B. mit MeshLab (externer Link).

reset camera  center camera  flip y  flip y-z

PointSize: 1.00

Maße: 74,0 X 46,0 X 22,0
Bibl.: Unp.

3D-Scan, screenshot of Clay Tablet HS0106
3.1.2.2 Visualization

In a second step all the results will be visualized. The fit values (red points) of the reflected sun light as well as a table with all measured values.

```python
# visualize results
plot, table, dffit = astrolib.plot(xval, ydiff, report, 'hour angles fitted from vertical lines')
plot
show()
table
```

Interactive tools, screenshot of Jupyter Notebooks.
New way for scientific communication: the PARTHENOS Hub

• Combining traditional and new approaches to publishing
  • Articles, documents, papers
  • Posts in blogs and scientific social networks are fixed by storing them in a repository
• The Hub offers a platform for a (moderated) scientific discussion
And you?

• If you do not see the poll, please exit the full screen
Meaningful Impact Measures
Traditionally impact of scholarly work is determined by

- Number of publications,
- Number of first authorships,
- Number of citation,
- Amount of third party funding,
- Number of PhD students,
- ...
Why impact?

• What value does your research provide for the scientific community? For the society? In areas different from research?

• How is your research impacting practices in the Humanities and beyond?
Understanding impact and the areas in which you can have impact will

• Increase visibility and transparency or your research results
• Enable you to communicate benefits of your research to potential researchers, funding agencies & other stakeholders
• Strengthen the influence of digital research in the Humanities.
Understanding impact

Factors → Influence/Obtain → Impact → Measure/Evaluate → Criteria

Success

User Requirements

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We gathered impact factors and success criteria

- from literature and stakeholder surveys
- defined 21 impact areas, and
  - (a) corresponding success factors which influence change in these areas
  - (b) criteria which measure changes in the selected impact area.

- Impactomatrix is hosted on Github: https://dariah-de.github.io/Impactomatrix/
If you publish & disseminate your results

• Use Impactomatrix as a starting point for your publication and dissemination strategy
• Identify in which **areas** you want to have impact
• Choose **factors** that influence change in these areas
• **Criteria** can give you an idea how change can be measured and be communicated to stakeholders
Example: visualization tool

**Factors**
- Open-source (offer)
- Providing information and outcomes
- Dissemination of data
- Conservation of data
- Data management
- Documentation of functionalities
- Documentation of code
- Embedding of available digital databases/software/tools
- User involvement
- Interoperability with other tools
- Interoperability with digital resources
- Workflow management
- Measures for long-term use & storage
- Re-usability of infrastructure
- Scalability & modularity
- Technical support
- Support of open file formats
- Usage & support of standards

**Sustainability**

**Criteria**
- Publication of data
- Documentations (quality & extent)
- Costs for resources (negative growths)
- Usage of provided results
- Usage of integrated databases/software/tools
- Use of (used) standards
- Re-use of code (e.g. github forks)
- Support of open data formats
Sustainability

Factors
- Open Source
- Documentation of functionalities and code
- Scalability & modularity
- Support of open file formats

Impact

Criteria
- Re-use of code (Github forks)
- Support of open data formats
  - Quality and extent of documentation

Use it to write funding applications!
3 Takeaways

1. How, when and what we publish changes

2. New and enhanced publication forms require new dissemination strategies

3. Understanding the impact of your research output will increase your visibility & success
Interested in impact?

• Join us in Berlin for the DARIAH-EU impact workshop
• June 21-22, 2018, at Berlin School of Library and Information Science, Humboldt-Universität zu Berlin
• Participation is free of charge
• More info: https://www.ibi.hu-berlin.de/de/forschung/information_retrieval/projekte-aktivitaeten/workshop-dariah-eu
Questions & Answers

(Picture CC0 https://pixabay.com/photo-2999583/)
Announcements

• Next PARTHENOS webinars:
  • “Collaboration with eHumanities and eHeritage Research Infrastructures: The Devil is in the Details” (Marie Puren, Klaus Illmayer), 13.02.2018, 11:00 CET
  • “Research Infrastructures: Beyond tools – General introduction” (Steven Krauwer, Stefan Schmunk), 22.02.2018, 11:00 CET

• Launch of **new submodules about impact & outreach** on PARTHENOS Training Suite (soon)

• **PARTHENOS Webinar Workshop** at the European Summer University in Digital Humanities 2018 (ESU), Leipzig
Thank you for joining us!

✓ Please help us improving the PARTHENOS Webinar Series and fill out the short Feedback Survey that we’ll sent you in a follow-up e-mail.

(Picture: CCO https://pixabay.com/photo-1889007/)
PARTHENOS eHumanities and eHeritage Webinar Series

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