Possible Thesis Topics: Information Management Lehrstuhl
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- **FAIR Principles**
  - Assess the FAIRness of data, or do a comparison of different data sources using the FAIR principles
  - How well do the FAIR principles fit particular types of data, repositories, disciplinary communities?

- **Persistence in scholcom:**
  - Assessing Govdata.de: Accessibility and Sustainability of data (PIDss)
  - Vanishing OA journals, vanishing databases (open data) (MA)
  - (Laura can supervise any kind of PID topic)

- **Critical Archival/Data Studies:**
  - Web archiving protests and social justice movements: amateur web-archiving functions (e.g. scraping from parler during capitol hill riots).
    - Legal challenges?
    - Evaluation of repositories if any?
    - Metadata? Standards? (probably MA)
    - What are the attitudes about digital curation/preservation, data sharing, data reuse, open data among people and/or groups managing web archives of social movements?
  - Citizen science data/counter data curation: how do projects like this curate their data? What are the goals of citizen science projects with regard to data curation/management/sharing/openness?
  - Archiving large Data Journalism projects: is it done? How? Who is responsible?

- **Retraction Watch:**
  - Analyze patterns among retractions
  - Analyze patterns among retractions, authors, publications, and/or institutions that attract particular attention from Retraction Watch
  - Critical analysis of Retraction Watch, e.g., discourse analysis of posts (MA)

- **Use re3data (metadata) for something - Laura**
  - Analyse degree of certification/type of certification + country/discipline/type etc.
  - (Note: re3data could also be a tool to identify the population/sample for a study on another topic)

- **Data Sharing/Reuse**
  - Assess the data sharing practices of scholars who publish in a particular journal (or set of journals)
  - Data management and data sharing in critical infrastructures (probably a MA thesis)
Communities of practice around data sets = ‘communities of data’? (MA)
Assess a repository using trustworthy digital repository guidelines (such as CoreTrustSeal, ISO 16363, or nestor), and then critically assess the effectiveness of the guidelines
Data management at the RKI during the Covid-19 pandemic: challenges, solutions etc. (very specific case study)

- Critical review of literature/theory/topics (good BA thesis options):
  - FAIR data principles, e.g. in research data publications in Information Science
  - NFDI in Germany: critical review and comparison of application documents (German thesis/auf Deutsch)
  - NFDI: apply infrastructure theory: how much ‘infrastructure’ is actually in there?
  - TRUST principles
  - Open Science: myths and realities (e.g. inclusiveness, open infrastructures, general ‘openness’)
  - ‘Transparency’ and Access: benefits, challenges and limits

- Analyze information content using feminist theories and/or approaches -
  - Assess representation among authors of texts & resources in a group of classes (at IBI or elsewhere)
  - Assess representation among authors, topics, geography, language, etc., published in a particular journal or venue
  - Critical assessment of required skills in job postings for digital curation, digital preservation, and/or data management, compared against, for example, traditional librarian jobs
  - Critical analysis of public communication about digital curation/preservation, open science, open data, etc. from particular organizations or groups (e.g., in the context of COVID-19)
    - Who is expected to participate in the conversation? Who is left out? Who are the actors, and who is the audience? Who has authority and whose authority is challenged?