



NFDI4Objects

Research Data Infrastructure
for the Material Remains of
Human History

Community Cluster: Experimental Archaeology

Contact

Communication through an open Chanel on Rocket.Chat. aswell as an Mailing List.

Members

Chairs: Dr. Ivan Calandra (Chair), Prof. Dr. Susanne Greiff (Co-Chair)

Geoff Carver (LEIZA), Michael Herdick (LEIZA), Dr. João Marreiros (LEIZA), Dr. Matilda Siebrecht (EXARC), Dr. Roeland Paardekooper (EXARC), Martin Schmidt (Landesmuseum Hannover), Prof. Dr. Roland Schwab (LEIZA), Dr. Julia Heeb (Stadtmuseum Berlin), Jan Sessing (DBM), Anja Gerber (Klassik Stiftung Weimar)

Bodies involved

Task Areas: TA3, TA6

Co Applicants: LEIZA, DBM,

Participants: Uni Tübingen, Landesmuseum Hannover

Extern: EXARC, EXAR

Openness and Transperancy

Information about the CC (including details of outcomes, issues, actions, status of the CC, participants and meetings) is publicly available. Discussions in this CC are held in public: Meeting minutes of video-, teleconferences and face-to-face meetings are archived and available to the public. Technical discussions and problem-solving paths are documented in such a way that they can be traced by the public. Working documents are developed on a public repository. The meetings themselves are open to the public by prior registration. The CC is free to choose its means of communication for coordinating and conducting meetings, as well as to set the time and place for face-to-face meetings or video- or telephone conferences. The public is invited to follow the work of the TWG and contribute to its content during the public comment period.

Aims and Objectives

The Community Cluster offers a discussion forum for the heterogeneous Experimental Archaeology community -from professional scientists (e.g., larger international associations like EXAR and EXARC) to interested laypeople (Citizen Scientists). This allows discussions about interoperability standards and the application of FAIR principles to collected research data, such as community standards, ontologies, controlled vocabularies, and exchange formats. The focus is particularly on RDM-related discussions about the FAIR and understandable machine-readable publication of research data related to Experimental Archaeology (hypothesis testing, experimental design and reporting, etc.), as well as the publication of white and blue papers on ontologies and good/best practices.

Out of Scope

Experiments take place in many scientific disciplines. This Community Cluster focuses solely on experiments related to archaeological finds, evidence, and hypotheses. It also deals only with the creation of community standards and recommendations for the N4O Commons, but not with the establishment of repositories and databases, or specific implementation questions.

Intended Work results

Based on the discussions within the CC, the following work results are proposed to be addressed aimed for in TWGs:

1. Creation of guidelines and manuals for the FAIR provision of research data for archaeological experiments (Whitepaper).
2. Development of community standards for archaeological experiments with a focus on interoperability and data exchange, which will serve as the basis for the implementation of the Workflow Tool (TRAIL 3.3) (Blueprint).
3. Development of a comprehensive ontology on the topic of Experimental Archaeology, based on CIDOC-CRM and the NFDI4Objects Object Ontology/the N4O Minimal Metadata Set, aligned with the N4O Object Biography (Blueprint)

External Linking

EXAR, EXARC, NFDI4Earth, NFDI4Chem

DOI

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