Session
Entry ID: 215

Title: **THE RETURN OF FAIR REUSE OF ARCHIVE DATA.**

Description (250-300 words required)
This session continues the dialogue from last year concerning the reuse of archival data. We are particularly interested in the use of oral history and traditions and how they may be incorporated with excavation material. The archaeological research community was an early adopter of digital tools for data acquisition, organisation, analysis, and presentation of research results of individual projects. (Richards 2022). As several projects have shown, digital data can be shared, but how can that data be used? To address those questions, principles and ontologies have been created and are ready to be applied.

One concept is FAIR data. FAIR data is data which meets the principles of Findability, Accessibility, Interoperability, and Reusability (FAIR). The acronym and principles were defined in the journal Scientific Data in 2016.

Digital archive access projects will revolutionise archaeological research and are vital if we want to attain the R in FAIR. However, it is necessary to apply an ontology to the data, otherwise the time needed to understand the semantics of each datasets is insurmountable. CRMarchaeo, an extension of the CIDOC CRM, is one way to link a wide range of existing documentation from archaeological investigations. It was created to promote a shared formalisation of the knowledge extracted from archaeological observations. It provides a set of concepts and properties that allow clear explanation (and separation) of the observations and interpretations made, both in the field and in post-excavation.

Using FAIR principles is critical to the creation of wider pictures of regions or periods and can also be a stepping stone to generating Big Data for further analysis. In this session we invite presentations from organisations or projects who are addressing these issues. We are particularly interested in applications of the CIDOC CRM and its extension CRMarchaeo.

Richards, J. 2022, Presentation at CHNT Vienna

Motivation:
Submitted by Email

Target Audience:
Submitted by Email

Keywords (3-5 keywords required):
CIDOC CRM, FAIR, CRMarchaeo