S12 Digital Infrastructures and New (and Evolving) Technologies in Archaeology (Roundtable)

Holly Wright Archaeology Data Service, University of York, UK
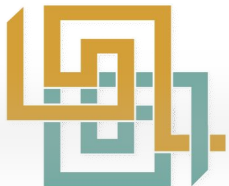
Doug Tudhope University of South Wales, UK

Virtual CAA, 15 June 2021

ARIADNE*plus*

ARIADNE*plus* (2019-2022) is the continuation & extension of ARIADNE (2013-2017)
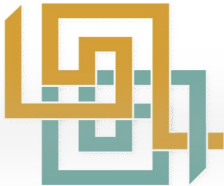
ARIADNE

- EU FP7 project under the 'Infrastructures' theme, including 17 European partners across 13 countries
- Four-year project: ended January 2017
- 17 Workpackages – primary deliverable: collection level metadata aggregation portal
- Coordinator: PIN Scri - Polo Universitario "Città di Prato" at the University of Florence
- Deputy Coordinator: Archaeology Data Service

ARIADNE*plus*

- 41 partners representing 27 countries
- Builds on ARIADNE results
- Extends ARIADNE along several dimensions
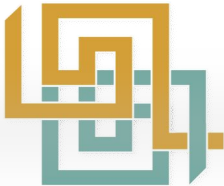- Focuses ARIADNE on innovative services
- Embeds ARIADNE in the EOSC

Our mission: to interpret and answer research community needs for studying the past to better understand the present with the tools and the methodology of the future, in the service of research, culture and society.

Following on from the successful *Digital Infrastructures for Archaeology: Past, Present and Future directions* session in Krakow, the ARIADNEplus project invites participants to present and discuss the role of new and evolving technologies in digital infrastructures such as repositories, archives, aggregation portals, digital scholarly presses, and heritage management infrastructures of regional and national governments.
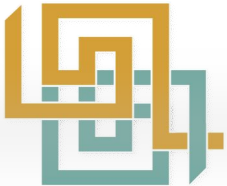
Investment in technologies within persistent digital infrastructures represents significant investment, and requires a firm understanding of the potential risks and rewards.
This roundtable will consist of 10-minute presentations about **the pros and cons of a technology already in use within an archaeological data infrastructure, or the introduction of a new technology that has potential for use within infrastructures**. Technologies may include, but are not limited to, Linked Data, Natural Language Processing, Image Recognition and other types of machine/deep learning.

This will be followed by discussion around the challenges and potential usefulness of these technologies within archaeological data infrastructures, as we chart a course for current and future best practice. This roundtable is open to any researcher working with a new or evolving technology who would like an opportunity to highlight or discuss these technologies and explore their potential for archaeological data.

ARIADNE*plus*

- Apologies from Ethan Gruber and Sara Perry

- Not able to have a live discussion, so please put your questions and comments into the Q&A as we go along (including who the question is for, if any)

- Will gather all comments and will have discussion after the last presentation

- Let's go! 😊

Thank you!

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Contact: contact@ariadne-infrastructure.eu