

## ***Semantic Modelling Workshop Series***

**Tuesday 30 September 2025, 13.00 CET**

### WORKSHOP FOUR

## ***Mapping excavation data to CIDOC CRM using the X3ML toolkit***

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*The workshop will present the X3ML toolkit, a set of small, open source, microservices designed with open interfaces, easily customized and adapted to complex environments. The X3ML Toolkit consists of a set of software components that assist the data provisioning process for information integration. Key components of the toolkit are the (a) X3ML Mapping Definition Language, (b) the 3M Mapping Memory Manager, (c) the X3ML Engine and (d) the RDF Visualizer.*

*We will focus on the use of the toolkit to define schema mappings between simple xml excavation data produced from excel spreadsheets to CIDOC CRM compatible RDF data. The input excavation data are data from relational DBs that have been extracted and transformed to xml. The xml input schema is mapped to CIDOC CRM and the related family models, like CRMarchaeo and the final transformed result is an RDF representation of the data that can be loaded in any Knowledge Graph and be integrated with other CIDOC CRM RDF data.*

*In particular, we will focus on (a) mapping at the schema level, (b) defining rules to create unique identifiers for the transformed RDF data and (c) visualizing samples of the transformed RDF data.*

[Registration](#) is free for participants. After registering, you will receive a confirmation email containing information about joining the meeting.