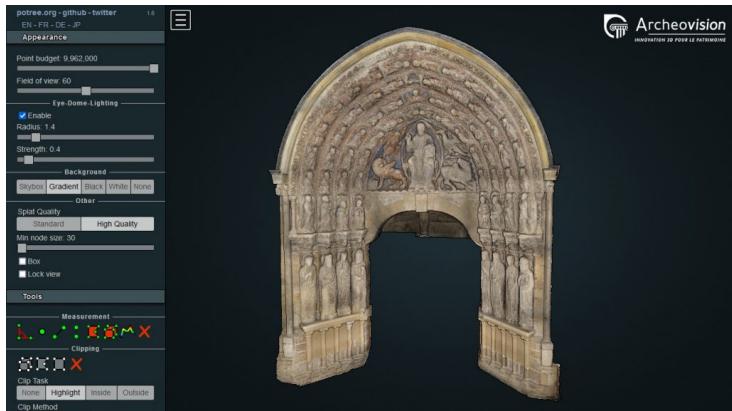


EUREKA3D established a cooperation agreement with Archéosciences Bordeaux



Archéosciences Bordeaux is a research laboratory part of the *Université Bordeaux Montaigne*, and is focused on the chronology of human settlements, the circulation of materials and ancient techniques, and imaging applied to heritage. The laboratory also collaborates with **Bibracte**, one of the partners of EUREKA3D, for the digitisation and metadata preparation of their cultural and archaeological collections, which will be published open access in [Europeana](#).

The cooperation with EUREKA3D is progressing with various activities, in particular on the development of the EUREKA3D pilot dedicated to Cultural Heritage Institutions for managing digital assets, and especially 3D collections. The pilot relies on a cloud-based platform managed at **EGI the European Grid Initiative** together with **ACK Cyfronet AGH**, offering advanced services and tools for digital collection management, especially with 3D objects and their metadata and paradata management.

To support visualization of the 3D models, it is currently under discussion the possibility to embed an advanced viewer developed by Archéosciences Bordeaux. The viewer is already in use at the Conservatoire National des Données 3D (CND3D), the French National 3D Data Repository, also providing a backup solution for 3D data produced in the context of projects in higher education and research in digital humanities in France.

[About / Publication](#) [National 3D Data Repository](#) [fr](#) [en](#)

Cathédrale Saint Maurice à Angers

[3D](#) [deposit](#)



Location



Nature of resource 3D Virtual Object
Title Cathédrale Saint Maurice à Angers
Creator(s) Pascal Mora, Loïc Espinasse
3D date 2019
Archaeological data XIII e siècle - XIII e siècle
Version V2
Description Numérisation du portail de la cathédrale Saint Maurice à Angers
Category Monument
Location (Geonames) - Preservation location Angers

Keywords cathédrale Maurice (saint) Angers

Date of deposit 2023-04
Deposit creator Vincent Balliet
Depositing entity Archéovision
3D Virtual Object(s) 1
Size of deposit 104.90 GB

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image courtesy of Archéosciences Bordeaux

The **Archeovision 3D viewer** is a dynamic viewer, based on [Potree](#) and [3DHop](#), that is able to load 3D files on demand, thus permitting to handle even very large 3D models in web-based environments. The capability of the viewer is extremely flexible, so to accomodate any type of 3D digitized cultural assets, from large ground models to tiny artefacts. This viewer would be a perfect solution for the visualization needs of cultural heritage institutions who make use of the Eureka3D platform to store and handle their 3D collections, supporting the variety of formats and types deriving from 3D digitization projects.



potree.org - github - twitter 1.6
EN FR DE JP
Appearance
Point budget: 9,962,000
Field of view: 60
Eye-Dome Lighting
Enable: Radius: 1.4 Strength: 0.4
Background: Skybox Gradient Black White None
Other
Splat Quality: Standard High Quality
Min node size: 30
Box
Lock view
Tools
Measurement
Clipping
Clip Task: None Highlight Inside Outside
Clip Method

image courtesy of Archéosciences Bordeaux

The technical teams of Archéosciences Bordeaux, EGI and Cyfronet are currently at work to understand the integration needs between the viewer and the Eureka3D platform. As part of the development work, interoperability with the Europeana platform is also an important aspect that will enable the 3D models, visualized via the Archeovision 3D viewer, to be accessible in the Europeana website.