



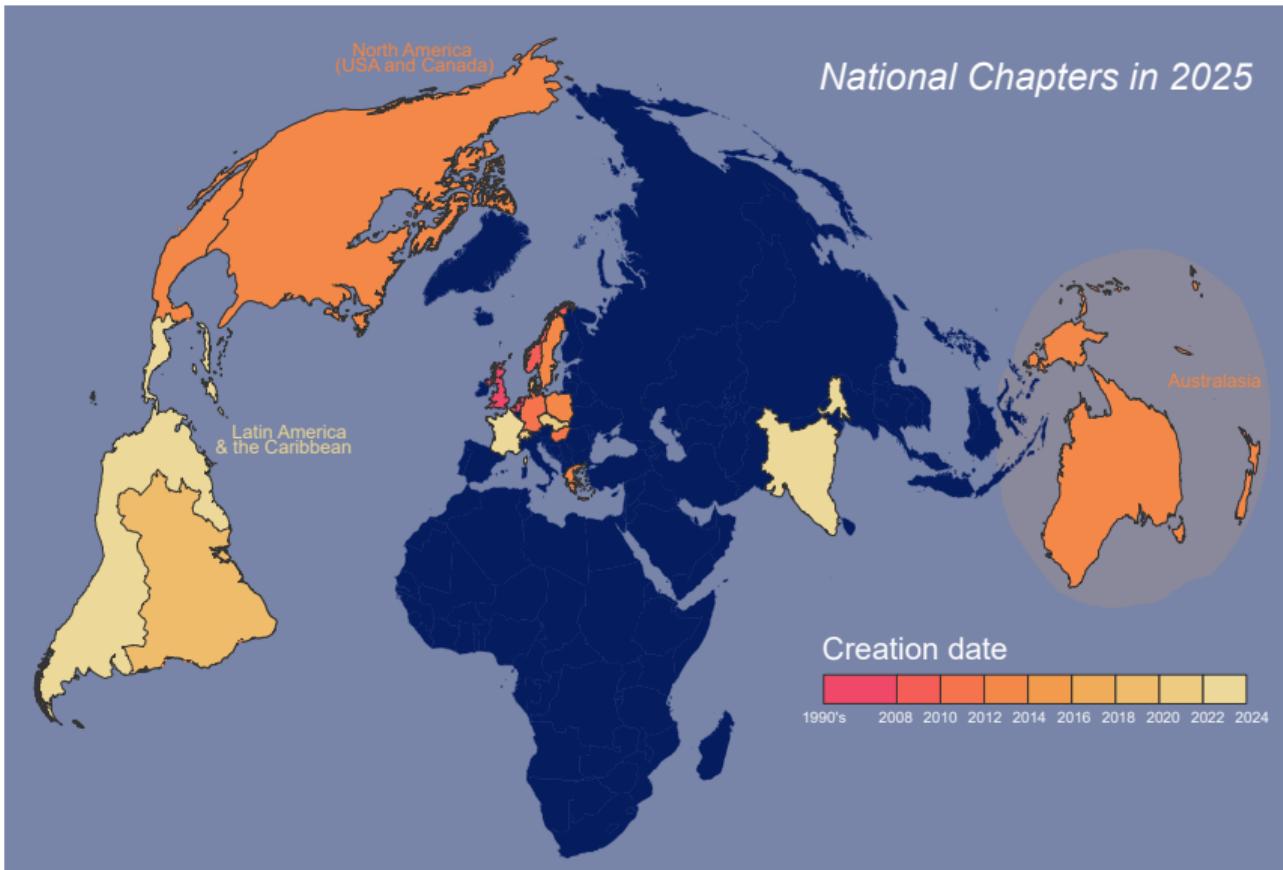
Le chapitre français du CAA

Computer Applications and Quantitative Methods in Archaeology – CAA-FR

<https://caafrance.hypotheses.org>

GMPCA 2025, Rouen, 14 avril 2025

CAA International



CAA International - Special Interest Groups

- Complex Systems Simulation
- Computer Programs for Archaeologists
- Mobile GIS
- 3D spatial analysis
- Scientific Scripting Languages in Archaeology (SIG-SSLA)
- Semantics and LOUD in Archaeology (SIG Data-Dragon)
- Archaeological Practices and Knowledge Work (SIG ARKWORK)
- Computationally Modeling Water-based Movement (SIG CMWM)
- **2025, Upcoming:** Chronological Modeling (SIG CHRONO)

Overview of the CAA-FR

Creation and Objectives

- **2024:** Creation during CAA Conference in Auckland
- To bring together archaeologists, archaeometrists, mathematicians, computer scientists and members of other disciplines based in France to complement and extend the interests of CAA International
- To encourage communication between these disciplines
- To give a survey of present work in the field
- To stimulate discussion and future progress in the application of information technology to archaeological research and practice
- To provide guidance and support in the form of seminars and/or workshops

Overview of the CAA-FR

Creation and Objectives



- Versionning with GitHub and GitLab

Overview of the CAA-FR

Creation and Objectives

SOURCE

```
```{r echo = FALSE}
data <- openxlsx::read.xlsx("data.xlsx",
 colNames = TRUE,
 rowNames = TRUE)
MNI <- sum(data$MNI)
```

The minimum number of individuals (MNI) is `r MNI`
```

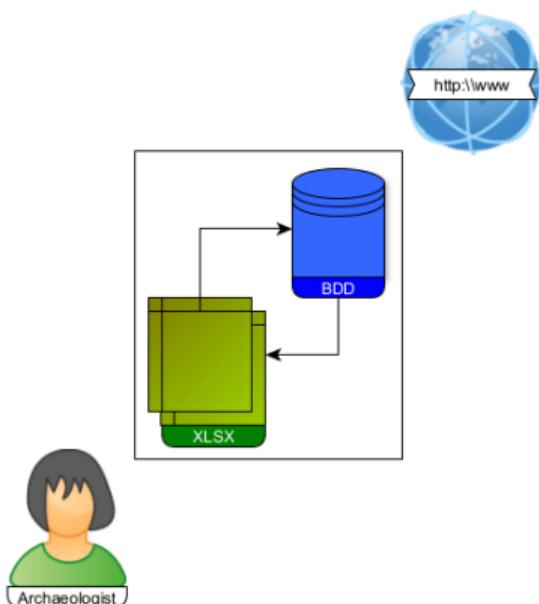
data.xlsx - Excel

| | A | B | C |
|---|-----------|-----|---|
| 1 | | MNI | |
| 2 | OC | 120 | |
| 3 | BOS | 36 | |
| 4 | SUS | 12 | |
| 5 | wild game | 34 | |
| 6 | | | |

- Literate programming with R Markdown and Jupyter

Overview of the CAA-FR

Creation and Objectives



- Workflow between research data and databases

Overview of the CAA-FR

Creation and Objectives



cn type 22917

| | |
|---------|--|
| Ruler | Ruler: Rhescouporis I |
| Mint | Pantikapaion |
| Date | 84 AD
Roman Imperial Period |
| Obverse | |
| Legend | BΑΣΙΛΕΩΣ ΡΗΣΚΟΥΠΟΡΙΔΟΣ |
| Design | Diademed and draped bust of Rhescouporis I, right.
go to the NLP result of this description |
| Reverse | |
| Design | Laureate head of Domitian, right.
go to the NLP result of this description |
| Symbol | ΑΠΤ (position: below) |

- Computer Vision and Natural Language Processing (AI/ML)

Overview of the CAA-FR

Current Bureau

- **2024-2025** & an election biennially at the CAA-FR General Meeting
- **Three speakers:** Dr Nicolas Frerebeau (UMR 6034 Archéosciences Bordeaux), Dr Sébastien Plutniak (UMR 7324 CITERES), Dr Gwénaëlle Moreau (SpaceARC).
- **Three vice-speakers:** Dr Anaïs Vignoles (MSCA fellow), Mathias Bellat (PhD candidate, University of Tübingen), Dr Julie Gravier (UMR 6049 ThéMA)

Activities since 2024

CAA-FR Website

- <https://caafrance.hypotheses.org>

à construire

Activities since 2024

ACQuA Colloquium (Jan. 2025)

- <https://acqua.sciencesconf.org/>

The screenshot shows the homepage of the ACQuA Colloquium website. The header features the text "ACQuA Colloquium (Jan. 2025)" and the URL "https://acqua.sciencesconf.org/". The main content area has a purple background with white text. It includes a large purple graphic with the text "CONSTRUIRE DES LIENS" and several small logos for CAA France, OA, and STAP. To the left is a navigation sidebar with links for Accès à la communication, Calendrier, Soumettre, S'inscrire, Programme, Comité d'organisation, Plan d'accès, and Support. The right side contains a detailed schedule of events for January 29 and 30, 2025, including sessions like "construire des liens = ACQuA: approches computationnelles et quantitatives en Archéologie" and "Atelier: Méthodes et pratiques de l'archéologie computationnelle".

4 formats

- Forum of French collectives
- Round table on the limits, criticisms and potential of open sciences policies
- Forum of young researchers
- Workshop on digital tools and approaches in archaeology

Activities since 2024

Support for young researchers for CAA Athens 2025

- In collaboration with the École française d'Athènes
- 5 rooms available during the week of the conference

Join us!

Two mailing lists

- Both on: <https://framagroupes.org/sympa/info/specific-list>
- **To become a member** of the chapter: caa.france
- **To receive information** about the chapter's activities, without becoming a member: caa.france.info