

Day 1. Digitizing reality

Friday, January 13, 2023 | Strasbourg

10am | Welcoming of participants

10:15 a.m. | Opening Remarks

Marine PARRA (University of Utrecht), **Anne RÉACH-NGÔ** (University of Haute-Alsace) and **Benoît ROUX** (University of Rouen-Normandy), **Introduction to the 2023 EVEille Days: “Numesthésie. L’écran pour saisir le sensible ?”**

10:30 a.m. | Session 1 Immersive Excursion

During this session, participants are taken to a space designed and then built with digital technologies. The session is introduced by specialists, both face-to-face and virtually, and it allows you to examine the various valorization endeavors undertaken by heritage and cultural institutions.

Session led by **Madeleine Hubert**, **Jean-Pierre Rosenkranz** and **Rosanne Wingert**, **“Numérisation patrimoniale, définition et enjeux”**

Madeleine HUBERT is a Lab Manager, responsible for the BNU Lab and services around data mediation.

Jean-Pierre ROSENKRANZ is a photographer in the digitization workshop.

Rosanne WINGERT is responsible for the digital libraries and data department.

The Lab is an annex of the National and University Library of Strasbourg whose vocation is to host activities that are difficult to carry out in the more traditional spaces of the library. Its definition is broad in order to be scalable. The place is thus dedicated, for the time being, to collaboration around a main, although not exclusive, ambition: the mediation of data. Its 100m² space and its modular equipment bring together the conditions for the physical meeting of the different players, to form a community around the training and development of a data culture. The Lab team manages access requests and equipment reservations, but it can also support professional or personal projects and advise users on digital practices. New services focus on collaboration as the source of the newest and most rewarding ideas.

- Presentation and visit of the Lab by **Madeleine HUBERT**.
- Presentation of the digitization and digital data service by **Rosanne WINGERT**.
- Group visit of the digitization workshop [upon registration] by **Jean-Pierre ROSENKRANZ**.

1:30 p.m. | Session 2 Scientific mediation and exploration

Stéphane POTIER and **Stéphanie Baunet KLEIN**, **“La médiation numérique à l’Œuvre. Enjeux des dispositifs immersifs au musée de l’Œuvre Notre-Dame”**

Stéphane POTIER is an architect, co-creator of the digital journey, *Société Inventive Studio*.

Stéphanie BAUNET KLEIN is in charge of mediation and cultural projects at the Educational and Cultural Department of Museums; she is a referent for the Œuvre Notre-Dame museum.

A variety of digital devices are deployed in the collections in order to facilitate the understanding of works of art.

Virtual immersion, augmented reality and holograms punctuate the circuit of the museum. What is the context of these digital proposals? What motivations preside over the design of such devices, using the most innovative technologies? What about public perception? How do these devices modify the experience of visiting a museum? How to think of “human” mediation proposals compatible with digital tools?

Rose-Marie ARBOGAST, **Marie MEISTER** and **Samba SOUSSOKO** (University of Strasbourg), **“L’Atlas numérique Vertébrés”**

Rose-Marie ARBOGAST is a Research Director at the CNRS, a prehistorian and archaeozoologist, the head of the osteothèque of the Zoological Museum of Strasbourg.

Marie MEISTER is a Research Director at the CNRS, a biologist, specializing in promoting scientific heritage.

Samba SOUSSOKO is a writer-director specializing in science communication and promotion.

The *Vertébrés* application is a digital atlas designed as a tool for observing and comparing the bones of individuals of different species (animals and humans), using high-resolution 3D images. Its realization is the result of a collaboration between the CNRS Archimède UMR 7044 laboratory, Archeology Alsace, the National Museum of Natural History and Laetoli Production. *Vertébrés* is for the scientific community (researchers in archeology and archaeozoology), for students (in osteology, biology, zoology, veterinary school students), teachers (colleges, high schools) but also for a wider public (staff of natural history museums, scientific mediators, artists, etc.). It is both a comparative anatomy tool and an interactive osteology atlas today comprising more than 4,000 high-resolution digitized bones, i.e. 32 taxa available, 22 of which are complete and reassembled in an anatomical model.

3:15 p.m. | Pause

3:30 p.m.-5 p.m. | Session 3 In Search of Tools

Frédéric COLIN and **Cassandre HARTENSTEIN**, **“Modélisation 3D de contextes et d’artefacts sur le terrain et en collection égyptologique”**

Frédéric COLIN is a professor of Egyptology at the University of Strasbourg (Chaire Marc Bloch of the USIAS).

Cassandre HARTENSTEIN is a USIAS research assistant, Egyptologist and papyrologist.

The speakers will present the results of an experiment carried out in a back and forth between the land of an archaeological dig in Luxor and that of the Egyptological collection of the University of Strasbourg, with the goal of adapting the methods of digital photogrammetry to the goals of archaeology. How to document objects found in excavations as well as the archaeological contexts from which they come, how to use 3D models for heuristic and demonstration purposes, how to archive them in a permanent way and how to disseminate them on sharing platforms and in publications online? How to appropriate a new mediation tool whose deployment in three dimensions shakes up the traditional conception of scientific publishing, which, even in the form of digital journals, is generally designed in two dimensions like the scroll and the codex, its historical ancestors?

5 p.m. | Closing Remarks



Numesthesia

After the first two editions devoted to the constitution of research data (2021) and their ethical foundations (2022), the EVEille project wishes to explore the place of sensoriality in digital representation, by questioning the participation of the five senses in the processing and transmission of scientific corpora and cultural objects. While the field of museography has long invested in digital devices for heritage valorization, the humanities have only recently taken up the question in the conduct of research projects.

By coining the neologism of *numesthesia* - born from the contraction of *numérique* (digital) and the Greek term *esthesia* which designates apprehension through the perception of the intellect *and* the senses - the EVEille project presupposes that in the field of Humanities, sensory apprehension is not only called upon to *restore* to large audiences the phenomenological reality of a scientific object that is offered to the intellect of the expert. The notion also suggests that the epistemological approach *engages sensible* devices of digital mediation to access, *through the senses*, the thickness of the scientific object and this, from the phase of investigation of the data itself.

The five days will follow a progressive path, from the most minimal digitization to the most advanced exploitation, in order to question the regimes of sensoriality that intervene in the digital communication of the scientific, cultural and patrimonial object. It will be a question of examining the way in which the five senses are solicited in a variety of ways, from the initial apprehension of the object of research to the production of a new scientific artifact, henceforth dematerialized, while passing by the various devices of its conversion to the digital format. We will study in particular the sensitive mechanisms implemented by the digital devices examined during the presentation of case studies, which could be from literary, linguistic or historical studies, as well as from the fields of musicology, art history, archaeology and more broadly from cultural studies.

D1. Digitizing Reality

During the «Digitizing reality» day, attention will be brought to the action of converting research sources and objects into a digital format, which leads to the creation of virtual avatars. Because of this transformation, it is no longer the object we access but necessarily a media representation of this object, most often reduced to two dimensions. The bulk, the mass, the matter, the smell, in a word all that constitutes the physical characteristics of the object, are in this context more difficult to evaluate. On the other hand, this representation is duplicable, easy to consult, to share, to transform.

Practical information

The first day of the colloquium will be held at Strasbourg. To assist:

In-person | **Lab of the BNU of Strasbourg**

[visit to the BNU digitization workshop upon registration]

Address: 5 rue Maréchal Joffre, 67000 Strasbourg

Online: the connection link will be sent after signing up on the [Journées EVEille 2023](#)

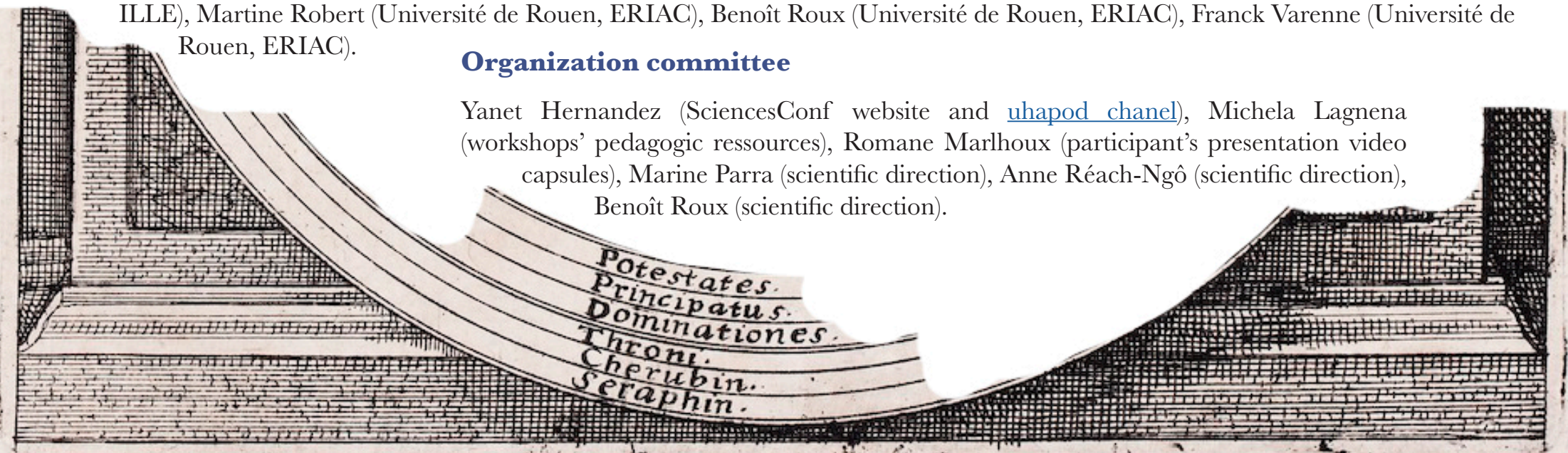
[scienconf](#) website.

Scientific committee

Régine Battiston (UHA, ILLE), Guido Braun (UHA, CRESAT), Bram J. M. Caers (Leiden University), Pierre Cubaud (CNAM), Marie-Luce Demonet (CESR / Université de Tours), Ambre Philippe (Fondation Catherine Gide), Tony Gheeraert (Université de Rouen), Nicolas Genis (Université de Lille, HALMA), Renske A. Hoff (Utrecht University), Madeleine Hubert (Bnu, Data Lab), Isabelle Lefèvre (UHA, SUAC), Véronique Lochert (UHA, ILLE), Marine Parra (Utrecht University), Anne Réach-Ngô (UHA, ILLE), Martine Robert (Université de Rouen, ERIAC), Benoît Roux (Université de Rouen, ERIAC), Franck Varenne (Université de Rouen, ERIAC).

Organization committee

Yanet Hernandez (SciencesConf website and [uhapod chanel](#)), Michela Lagnena (workshops' pedagogic ressources), Romane Marlhoux (participant's presentation video capsules), Marine Parra (scientific direction), Anne Réach-Ngô (scientific direction), Benoît Roux (scientific direction).



Potestates.
Principatus.
Dominationes.
Throni.
Cherubin.
Seraphin.