

## PRESS RELEASE

### **“The ‘human in the loop’? Intersecting perspectives on the archaeologists’ future in the age of AI and automation”**

**12 June 2025, 13:30 to 17:00 - Paris, Collège de France**

The European research and development project [AUTOMATA](#), in which [Inrap](#) is participating as a partner, aims to develop an innovative method for digitising movable archaeological remains using a combination of robotics and artificial intelligence. This raises a number of ethical and methodological questions, particularly regarding how the role of archaeologists might change within the knowledge production process. However, these questions also relate to the creation of artificial processes for capturing, rendering and analysing archaeological material. This form of artificialisation of archaeology poses a significant challenge to the future of the archaeological community and beyond.

Organised by Inrap, the workshop entitled **“The ‘human in the loop’? Intersecting perspectives on the archaeologists’ future in the age of AI and automation”** aims to bring together stakeholders from a variety of backgrounds to discuss this topic.

The morning will be devoted to workshops in small groups. The afternoon, open to the public, will begin with a lecture by Professor **Antoinette Rouvroy**, FNRS researcher at CRIDS (University of Namur, Belgium), entitled “The future of the humanities in the age of AI: reflections on the semiotic, epistemological and political challenges of the algorithmic turn”. This will be followed by a round table discussion with the participants in the morning workshops (archaeologists, curators, lawyers, researchers and engineers) and a discussion with the public.

**The public event will take place on 12 June 2025 from 13:30 to 17:00 in Paris at the Collège de France, with coffee served from 13:00.**

**Registration is free and recommended. Please register before 5 June 2025 [HERE](#).**

Live broadcast [on the AUTOMATA YouTube channel](#).

For more information, please visit the event page on the [Inrap](#) and [AUTOMATA](#) websites. You can also contact Ariane Menu at [ariane.menu@inrap.fr](mailto:ariane.menu@inrap.fr)

### Organising committee

Amala Marx, international project manager and project coordinator for Inrap,  
Ariane Menu, project development manager for Inrap,  
Kai Salas Rossenbach, deputy director of international affairs at Inrap

### The AUTOMATA project

Using robotics and AI-enhanced sensors, the EU-funded AUTOMATA project will create 3D models enriched with archaeometric data, providing a practical and cost-effective solution for the digitisation of archaeological objects. The project, implemented by a consortium of 13 academic and non-academic organisations from 7 countries, contributes to the larger EU-funded European Collaborative Cloud for Cultural Heritage (ECCCH) project.

More information at [www.automata-eccch.eu](http://www.automata-eccch.eu)

## Programme

**13:00:** Welcome coffee

### Session 1

**13:30-13:45:** Opening of the event by Dominique Garcia, president of Inrap

**13:45-14:30:** Conference by Professor Antoinette Rouvroy, FNRS permanent research associate at the CRIDS (University of Namur, Belgium) *“The future of the humanities in the age of AI: reflections on the semiotic, epistemological and political challenges of the algorithmic turn”*

**14:30-14:45:** Discussion with the public

**14:45-15:00:** Coffee break

### Session 2

**15:00-15:30:** Presentation of the results of the AUTOMATA survey and feedback from the morning workshops

**15:30-16:45 / 17:00:** Round table with the participants\* of the morning workshops and discussion with the public

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**Marc Bouiron**, scientific and technical director of Inrap, France

**Emmanuelle Bryas**, in charge of resources and documentary engineering at Inrap, France

**Rémy Chapoulie**, professor in archaeometry at Bordeaux Montaigne University, France

**Felipe Criado-Boado**, research professor at the Consejo Superior de Investigaciones Científicas (CSIC), director of the Instituto de Ciencias del Patrimonio (INCIPIT), Spain

**Nevio Dubbini**, data scientist and CEO of the Miningful company, Italy

**Gabriele Gattiglia**, associate professor in archaeology at the University of Pisa, AUTOMATA coordinator, Italy

**Benjamin Jean**, jurist and co-founder of the Inno<sup>3</sup> company, France

**Amala Marx**, international project manager and AUTOMATA coordinator for Inrap, France

**Ariane Menu**, AUTOMATA assistant coordinator for Inrap, France

**Colleen Morgan**, senior lecturer in archaeology at the University of York, United Kingdom

**Théophane Nicolas**, ceramologist at Inrap, France

**Federico Nurra**, head of the digital research service at INHA, France

**Diane Rego**, expert in digital publishing at Inrap, France

**Xavier Rodier**, director of the MSH Val de Loire, ECHOES coordinator, France

**Antoinette Rouvroy**, professor, Belgian National Fund for Scientific Research (FNRS) permanent research associate at the Research Centre Information, Law and Society (CRIDS) of the University of Namur, Belgium

**Kai Salas Rossenbach**, deputy director for international affairs at Inrap, France

**Gian Giuseppe Simeone**, founder and executive manager of the Culture Lab agency, Belgium

**Anne-Violaine Szabados**, research engineer (CNRS - ArScAn), consortium-HN pictorLA board member, France

**Huib Haye van der Werf**, researcher, curator and art educator at Design Academy Eindhoven, Netherlands