

29-30th of November 2023

EDUC Conference at Paris Nanterre University



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### *The Future of Science: scientific archives and new research*

Crossing the *Cultural and Heritage* topic, on November 29-30th 2023, the University of Paris Nanterre organized a Scientific Conference focusing on the testimonial value of scientific archives which specifically help historians of science to retrace science's history, its place in society, past and future.

The research investigation of the Conference was conceived with the aim to exploit and observe both the direct value assigned to old scientific archives and the crucial role they play while producing new scientific results in different disciplines.

Also, it was sought to explore how scientific archives can inform new artistic or societal works and how they can bring a new knowledge about technological innovations in the digital era. By focusing on reuses of scientific material for both generating innovative outcomes and drafting new research trajectories linked to the market needs, a workshop-like time took place along the Conference. It was dedicated to the analysis of practical examples in which the

appropriation and restitution of the scientific archives correspond to a fresh pioneering projection of the work on catalogues of sciences.

Through a « cooperative exercise » of reflexion, during the workshop we tackled methodologies for sharing scientific knowledge, for employing softwares dedicated to the research corpora management, finally for developing an effective interdisciplinary approach. Moreover, a focus on balance between Western and « other cultures » approaches to Science has led on the pin of a possible re-constitution of a multi-perspective History. While asserting the possibility of generating new fields of scientific comprehension and mastery, the theoretical instances proposed by the different speakers in the field of Humanities management and training became powerful sources of inspiration. They supported the debate around how smartly manipulate heritage objects, how disseminate and exhibit the results of their employ, how made them useful for entrepreneurial projects.

Indeed, a lot of interest needs to be accorded to the presentations of Pascal Vallet as the chief member of *Pasam* research start-up; the media-communication expert Ákos Gocsál; and the digital researching equipe *Corpucit*, leaded by Christophe Parisse and Driss Sadoun.

All of them highlighted conceptual instances and proposed practical tools for better managing heritage institutions as well as networking and *handling* the collective heritageS across the multiple global transitions.

The three researchers' contributions offer to the Alliance public, and to the partners related in the initiative, valuable keys for implementing researches about digital archives management. They provide fresh information about specific supports and searching tools for controlling, using and reusing archives data.

In conclusion, during the UPN meeting, participants discussed how digital resources can be made available and mostly profitable for EDUC goals crossing transfer technology and virtual researches in cloud. Also, by involving entrepreneurships, trainers and researchers in this peculiar field, we can finally state the emergence and the necessity of a research network for developing the re-use and the valorization of scientific materials, stored within new interactive archives of Sciences.

*Claudia Dell'Uomo d'Arme*

*Nnoverber 2023*