Arts : pratiques et poétiques

Computer Vision for Historical Documents Analysis: from algorithms to interfaces

We will present the AIKON platforms we are developing to empower Historians with relevant Computer Vision tools and help Historians and Computer Vision scientists to collaborate. These platforms are the result of collaborations between several projects, with two flagship applications on analyzing scientific illustration circulation in the Middle Age and the Modern period. They currently include tools for illustration detection, similarity search, clustering and diagram vectorization, but the modular construction of these open source platforms aims at making it easy to integrate more algorithms and tools.

Mathieu Aubry

He is a tenured researcher in Computer Vision at École des Ponts ParisTech in the LIGM lab (UMR8049). He obtained his PhD at ENS in 2015, co-advised by Josef Sivic (INRIA) and Daniel Cremers (TUM). In 2015, he spent a year working as a postdoc with Alexei Efros in UC Berkeley. He has a leading role in the ANR EnHerit, VHS and EIDA projects and the ERC DISCOVER project on interpretable visual structures discovery.

Ségolène Albouy

She is a research engineer working on interface design to help humanities researchers integrate computer vision algorithms into their work. She develops modular tools that can be adapted for various research projects, focusing on bridging artificial intelligence and humanities approaches.

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