Workshop
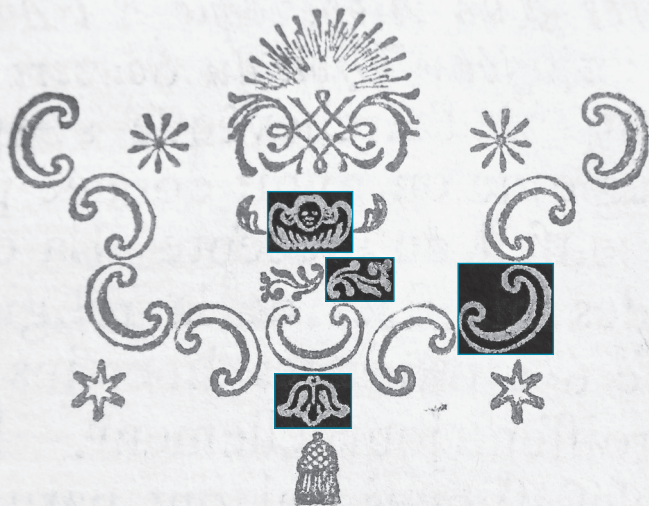
APRIL 6-7, 2023
UNIVERSITÉ JEAN MONNET
SAINT-ÉTIENNE

Computer vision for the investigation of ancient documents

The workshop will echo projects for the development of computer vision tools aiming to help human experts in their analysis of ancient documents. It will allow discussion about recent methods in machine learning likely to improve or extend capabilities of image retrieval and query image analysis.

Thursday 6, April 2023
(01:30 pm – 05:00 pm)

01:30 pm Welcoming of the participants

01:45 pm Opening of the workshop

Session 1 02:00 pm - 05:00 pm

Jean-Philippe MOREUX \BnF
"IA tools for document and image analysis in a digital library: feedback from the BnF"

Giles BERGEL and Abhishek DUTTA
\University of Oxford, VGG
"The NLS-VGG chapbooks project: visual analysis of chapbook illustrations"

Drew THOMAS \University College Dublin
"Visual Communication During the Reformation: Applying Computer Vision to the Ornamento Image Corpus"

Vincent VENTRESQUE \Université Jean Monnet, IHRIM\ and Thomas GAUTRAIS \Université Jean Monnet, Laboratoire Hubert Curien
"Extract, categorize and group ornaments from Rey"

05:00 pm Study day closure

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de la recherche

ROI Rey's Ornament
Image investigation

Computer vision for the investigation of ancient documents

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Registration

⇗ **https://bit.ly/3maQZYD**

Location

Campus Manufacture
Centre des Savoirs pour l'Innovation
Bâtiment des Forges
11 rue Dr Rémy Annino
42000 Saint-Étienne
Amphi L206

*Access by streetcar: "Cité du design",
Tram T1 and T2 stops*

Friday 7, April 2023
(08:30 am – 04:00 pm)

Session 2 08:30 am - 11:30 am

Prasanna SRIDHAR \University of Oxford, VGG
"Searching through Large Image Collections"

Mathieu AUBRY \École des Ponts ParisTech, LIGM-Imagine
"Copy detection and historical image collation"

Thierry FOURNEL \Université Jean Monnet, Laboratoire Hubert Curien
"One-class change detection for taxon comparison/grouping"

Abhijit MAHALANOBIS \University of Arizona
"Simultaneous Learning and Compression of Deep Networks"

11:45 am   Lunch time

Session 3 01:30 pm - 03:00 pm

Mathieu AUBRY \École des Ponts ParisTech, LIGM-Imagine
"Analysis-by-synthesis for interpretable image decomposition"

Rémi EMONET \Université Jean Monnet, Laboratoire Hubert Curien
"Unsupervised image decomposition into objects"

03:00 pm   Discussions with experts in digital humanities

04:00 pm   Workshop closure

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