

April 3rd, 2018

PhD required

Type of contrat : fixed term

Duration : 36 months

Desired start date : 2018-06-01

Full-time employment

Gross monthly salary 2 555,39 euros

Research Unit

UMR 5190 – Laboratoire de recherche historique Rhône-Alpes

Institut des Sciences de l'Homme

14, avenue Berthelot

F69363 Lyon Cedex 07

Website : <http://larhra.ish-lyon.cnrs.fr/>

Background

The successful candidate will work in the LARHRA-UMR 5190. She/he will be part of the European project SILKNOW funded by the call for projects H2020-SC6-CULT-COOP-2017. Within the LARHRA, her/his activity will be carried out in collaboration with the members of the research center involved in the project: Natacha Coquery, professor at the University Lumière Lyon 2, Florence Charpigny, research engineer and Pierre Vernus, associate professor at the University Lumière Lyon 2, project coordinator for the LARHRA who will supervise her/his activity.

Description of the SILKNOW Project

The SILKNOW project led by the University of Valencia *Estudi General* brings together nine partners from six different countries and combines the humanities, social sciences and information and communication technologies. It starts from a double observation: on the one hand, the importance of silk in European history but, on the other hand, the dispersion and relative fragility of the institutions preserving ancient silk fabrics and the heritage linked to their production. Moreover, while the amount of data produced by these institutions is significant, it is characterized by the heterogeneity of the formats used, its linguistic diversity, an uneven degree of precision and often difficult accessibility for the general public.

SILKNOW therefore aims to improve knowledge and understanding of Europe's silk heritage by setting up an intelligent computer system incorporating the most recent technological advances. This will allow the end user to access the data through visual or tangible simulations and to visualize the results of their research in spatial and temporal dimensions. Within the framework of this project, the role of LARHRA is to animate the network of relations with partner heritage institutions and to develop it by aggregating structures likely to be interested. It is also in charge of ensuring the collection of data which will be used in the learning and test phases and then those intended to be searchable by the system which will be set up. In addition, in collaboration with interested heritage or research institutions, it will oversee the development of the model to describe the characteristics of the silks and their manufacturing process. This modelling will be based on the CIDOC-CRM (ISO21127:2006). Finally, it will help define the scenarios for using the system to be created and the functionalities of the graphical user interface.

Activities

successful candidate will

- animate and develop the network of relations with European heritage institutions partners or likely to collaborate in the project ;
- research and collect data that can be mobilized within the project ;
- participate in the modelling of silk fabrics production and description (based on the CIDOC Conceptual Reference Model).
- participate in managing and developing the research project.
- participate in organizing the meetings that LARHRA is responsible for.
- participate in the project meetings.
- contribute to coordinate work with other partners.
- contribute to the preparing and drafting of written reports.

Experiences and skills

- Master and doctorate in history or art history along with training and/or experience in the field of digital humanities, particularly in data modelling. Competence in the field of textile history will be highly appreciated.
- Ability to work as part of a team and to carry out tasks independently.
- Ability to lead a network and organize meetings.
- The candidate's curriculum must show her/his open-minded to new fields and to rapidly develop skills.
- Fluency in English and French
- Basic practice of a computer language such as Python or R, and/or a Relational Data Base Management System, and/or experience modeling would be welcome.

How to apply

Send by e-mail in a single file in .pdf format :

- a detailed curriculum vitae with a cover letter and a list of publications,
- the names and addresses of two respondents who may be contacted by the selection board.

Application deadline 10 may 2018 12h 00.

Short-listed candidates will be invited for an interview in the third week of may.

Contact :

[Pierre Vernus \(pierre.vernus@ish-lyon.cnrs.fr\)](mailto:pierre.vernus@ish-lyon.cnrs.fr)