Research fellowship on “Development of a model for describing collections and documents of historical-artistic and literary heritage and its integration with the services provided by ILC4CLARIN”, Ca’ Foscari University of Venice (Italian law 30 December 2010, n. 240, art. 22)

The present document in English is to be considered as a mere summary of the main provisions of the notice of competition which is available in Italian at the following [link]. The text in Italian is the official text of the notice of competition for all legal intents and purposes and, in the event of non-conformity with the present document, it shall prevail.

Description
The Department of Humanities at Ca’ Foscari University of Venice (Dipartimento di Studi Umanistici dell’Università Ca’ Foscari Venezia) invites applications for a fellowship in: “Development of a model for describing collections and documents of historical-artistic and literary heritage and its integration with the services provided by ILC4CLARIN”, Academic discipline: INF/01 Informatics (principal), L-ART/04 Museology, art and restoration criticism, L-LIN/01 Glottology and linguistics, L-FIL-LET/08 Medieval and humanistic latin literature, tutor dr. Stefania De Vincentis, co-tutor prof. Franz Fischer, dr. Federico Boschetti (CNR-ILC), prof. Monica Monachini (CNR-ILC).

The fellowship is intended to provide the successful candidate with the opportunity to pursue his/her own research while benefiting from the range of expertise at Università Ca’ Foscari Venezia.

Abstract
The research project involves the study of a digital model for describing historical, artistic, and literary heritage collections and records. The pilot phase will cover three areas:

- the design of a descriptive model of digitized images within the Museum's collections using applications of the IIIF framework;
- the study of a descriptive model for textual images from digital editions and manuscript sources using the IIIF framework;
- the collaboration in developing new features for the management of digital philology projects to be implemented on the ILC4CLARIN’ server, using DevOps methodology and a stack of technologies (Docker / Kubernetes / Rancher for the CI/CD);
- research dissemination activities such as seminars and workshops in collaboration with VeDPH and CNR-ILC at the CLARIN Knowledge Centre DiPText-KC;
- support of the teaching activities and internships of the Master Degree in Digital and Public Humanities.

Who can apply
Prospective candidates are expected to hold a Master Degree in Computer Science (23/S, LM18), Computer Engineering (35/S, LM32), Digital Humanities (24/S, LM43) or equivalent and an appropriate academic and professional CV.

Ca’ Foscari encourages applications from researchers with positive evaluation in all the criteria in individual proposals such as Marie Skłodowska Curie Actions - Individual Fellowships/ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) or similar. Researchers having successfully completed Marie Skłodowska Curie Actions - Individual Fellowships/ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) or similar funded projects are warmly encouraged to apply.

Duration of contract: 12 months (approximately starting: 1st September 2022).
**Stipend:** The research fellowship total amount is **19,367.00** Euros, including taxes and social charges.

**Deadline for submission of applications:** 19th August 2022, h. 12.00 noon (Italian time)

**How to apply**
Candidates should submit:
1. The application form;
2. A motivation letter (max 1 page) along with their CV in European format, duly dated and signed, both to enclosed as a one single.pdf file (link);
3. A copy of a valid identity document (either Identity Card or Passport);
4. (If available) Evaluation Summary Reports of Marie Skłodowska Curie Actions - Individual Fellowships/ ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) individual proposals having passed all the evaluation thresholds;
5. (If available) Details of Marie Skłodowska Curie Actions - Individual Fellowships, ERC Starting Grants, FIRB (Italian Fund for basic research investments)/ SIR Scientific Young Independence Research funded projects;
6. Declaration on availability to held the interview in remote (Link) to be send via email at the following address;
7. All documents, qualifications and publications relevant for the selection procedure (please, see the notice link);

All the schemes of the quoted documentation are available on the website (link).

**How to submit your application**
Applications should be submitted by the online procedure, available on the notice webpage (link); Or submit here: [https://apps.unive.it/domandeconcorso-en/accesso/2022-dsu-ar-19](https://apps.unive.it/domandeconcorso-en/accesso/2022-dsu-ar-19)

The candidate, after the uploading, will receive a submission number and an e-mail acknowledging receipt of his/her application.

The candidate if necessary could access the procedures for updating any data and materials by the link provided by the e-mail, in any case any updates must be made no later than the deadline 19th August 2022, h. 12.00 noon (Italian time).

Please note that the University can be contacted for any support needs by the candidate by 12th August 2022, h. 1.00 p.m. (Italian time).

Please note that the University is closed from 13th to 21st. In this period, it will not be possible to have a reply to any requests for information.

Please note that in case of an high number of applications and / or weight of the materials loaded by the candidates the system might become slower, Therefore it is suggested not to start the process close to the deadline.

**NB:** The University does not take on responsibility for wrong or late communication of addresses, nor for any communication problem not depending on the University.

**Evaluation**
Up to 100 points, specifically:
- For qualifications, publications and possible tests, from 0 to 60;
- For the interview, from 0 to 40.

Candidates are admitted to the interview if assessment of the qualifications and the possible tests results in a score equal to or greater than 42/60.

The following qualifications are considered as evaluation criteria:

a) a list of the candidate’s scientific publications;
b) attendance certificates (or diplomas) of post-graduate specialization courses, obtained both in Italy and abroad; documented research activities related to the purpose of the call with contracts, scholarships or assignments in public and private entities both in Italy and abroad;

c) Information and communication technology (ICT) consultancy activities;

d) Training and teaching activities;

e) Long-term certification (ECDL, EIPASS, EUCIP, MICROSOFT);

f) attached ‘preferential securities’, if the candidate possesses them - see Article 5;

g) any other element provided for the announcement, to the articles 2, 3 and 5.

The interview aims to assess the candidates’ skills and expertise on the following subjects:

- Excellent knowledge of programming and markup languages such as Python, C/C++, Java, JavaScript, XML, XSL(T), XQuery, HTML, CSS;
- Excellent knowledge of the devOps methodology;
- Proven skills of the IIIF framework;
- Proven experience with Handwriting Text Recognition (HTR) and Optical Character Recognition (OCR) technologies;
- Good knowledge of English.

At the end of his/her research activity, the research fellow is required to provide the Department with:

- Development of a model for a IIIF manifest to be adapted to the museum collections of the Borghese Gallery in Rome and to digital textual editions;
- A scientific paper on the IIIF framework for digital museum and text collections, within one year of the end of the research grant and initial approvals by the tutors;
- A conference or seminar to present the outcomes of the research.

Selection procedure

The interview will be held on 25th August 2022, h. 10 a.m. The interview will be held in remote (with Zoom). The short-list of the candidates admitted to the interview, or any postponement, will be published on the University’s webpage on 23rd August 2022 (link).

Candidates may find further details about the application process and the research project in the official call published on the following (link)

For further information please contact Department of Humanities - Research Office, e-mail: ricerca.dsu@unive.it