



Università  
Ca' Foscari  
Venezia

Dipartimento di Studi Umanistici

Università Ca' Foscari Venezia  
Dipartimento di Studi Umanistici  
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**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: 1<sup>st</sup> September 2022).



**Stipend:** The research fellowship total amount is **19.367,00** Euros, including taxes and social charges.

**Deadline for submission of applications: 19<sup>th</sup> 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>

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 **19<sup>th</sup> August 2022, h. 12.00 noon (Italian time)**.

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

**Please note that the University is closed from 13<sup>th</sup> to 21<sup>st</sup>. 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 **25<sup>th</sup> 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 **23<sup>rd</sup> 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](mailto:ricerca.dsu@unive.it)