

**Research fellowship on “Geomatic techniques for the accessibility of Cultural Heritage by visually impaired people”****Department of Humanities Ca' Foscari University of Venice**

(Italian law 30 December 2010, n.240, art. 22 and subsequent amendments and additions)

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: “**Geomatic techniques for the accessibility of Cultural Heritage by visually impaired people**”, Academic disciplines: **ICAR/06** Topography and cartography - **INF/01** Informatics - **M-STO/09** Paleography, duration 12 months, tutor Prof. Flavia DE RUBEIS within the project “2022BAYPL5 - Venezia Libro Aperto (acronym: VeLA)”, CUP: H53D23006800006, Principal Investigator Prof. Flavia DE RUBEIS, financed by PRIN 2022 - Missione 4 “Istruzione e Ricerca” del Piano Nazionale di Ripresa e Resilienza ed in particolare la componente C2 – investimento 1.1, Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN).

Abstract: The aim of the research is to investigate and experiment with methods of accessing cultural heritage, specifically graffiti, for individuals who are visually impaired.

The tools used will be 3D modeling and 3D printing for the realization of tactile models with respect to which will be used audio descriptions activated in relation to the spatial position of the user. For this purpose, it is essential to know the position using the different possible techniques of indoor positioning.

The innovative approach adopted combines 3D technology with positioning strategies, allowing an accessible and engaging enjoyment of cultural heritage.

This research is a significant contribution to social inclusion and the enhancement of culture by individuals who by the nature of the objects could not have access and knowledge to it.

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 Ca' Foscari University of Venice.

Who can apply

Prospective candidates are expected to hold **a master's degree (or equivalent title according to the Italian law) or equivalent qualification obtained abroad, related to or compatible with the research subject and a suitable scientific / professional curriculum.**

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 (approximate starting date: 1st May 2024)

Stipend: The research fellowship amounts to **19,387 Euros**, including taxes and social charges.

Deadline for submission of applications: 30th March 2024, h. 12.00 noon (Italian time).

How to apply:

Candidates shall 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](#)); a declaration must be appended in the footnote of the curriculum, pursuant to the Italian DPR 445/2000 and subsequent amendments and additions, that the information provided corresponds to the truth. Moreover the candidates have to consent to the use of their personal data for the purposes of this selection procedure pursuant to the Italian Legislative Decree 196/2003 and to the EU Regulations 2016/679;
3. The attachments called “obligations and understanding” and “participation and compatibility”;
 4. All documents, qualifications and publications relevant for the selection procedure (please, see the notice - [link](#));
 5. A copy of a valid identity document (either Identity Card or Passport);
 6. (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;
 7. (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;
 8. Declaration on availability to held the interview in remote ([Link](#)) to be send via email at the following address: ricerca.dsu@unive.it (email object: Research Fellowship on “Geomatic techniques for the accessibility of Cultural Heritage by visually impaired people” – PRIN 2022 DE RUBEIS project)

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

Incomplete applications will be rejected.

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/2023-dsu-ar-36>

Foreign citizens not yet in possession of the Italian Tax Code can use the following link: <https://apps.unive.it/utills/cf> to obtain a temporary one and be able to proceed with the request.

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 on **30/03/2024, h. 12.00 noon (Italian time)**.

Please note that the University can be contacted for any support needs by the candidate until 29/03/2024 (h. 1 p.m. Italian time).

Please note that the University will be closed from December 27th to January 2nd for Christmas holidays.

Please note that in case of a 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 interview, from 0 to 40.

The following qualifications are considered as evaluation criteria:

- a) a PhD, or the completion of a PhD course pending graduation;

- b) list of publications;
- c) specialisation diplomas and attendance certificates at post-graduate specialization courses, obtained both in Italy or abroad, documented research activity in public and private organisations with contracts, study grants or assignments both in Italy and abroad;
- d) attached 'preferential securities', if the candidate possesses them - see Article 5 of the competition available in Italian ([link](#));
- e) any other element provided for the announcement, to the articles 2, 3 and 5 of the competition available in Italian ([link](#)).

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

- Experience in three-dimensional modeling and 3D printing.
- Ability to design, develop, and implement on the Arduino platform (or similar) for interfacing and communication with beacons.
- Familiarity with indoor positioning techniques.
- Knowledge of relational databases.
- Knowledge of English language.

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

- Preparation of the research's results before their publication.

Selection procedure

The interview will be **on 15th April 2024, h. 3:00 p.m.** The interview will be held in remote with Google Meet. The short-list of the candidates admitted to the interview, or any postponement, will be published on the University's webpage on 8th April 2024 ([link](#)).

Information and contacts

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 (email object: Research Fellowship on "Geomatic techniques for the accessibility of Cultural Heritage by visually impaired people" – PRIN 2022 DE RUBEIS project).