Università Ca'Foscari Venezia
Dipartimento di Filosofia e Beni Culturali

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Università Ca' Foscari Venezia
Malcanton Marcorà – Dorsoduro 3484/D, 30123 Venezia
P.IVA 00816350276 - CF 80007720271
www.unive.it/dip.fbc

Research fellowship on "Planetary computation and AI modelling in the Anthropocene: The microbiome case" - Università Ca' Foscari Venezia
(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 Philosophy and Cultural Heritage at Università Ca' Foscari Venezia invites applications for a fellowship financed by the Project ERC HealthXCross "Remaking Health in a Microbial Planet by Crossing Space, Time, Species and Epistemic Cultures" (GA 949742), CUP H75F21000440006 and by the project ERC CoG "AIMODELS - The Culture of Algorithmic Models: Advancing the Historical Epistemology of Artificial Intelligence" (GA 101088645), CUP H73C23000860006:

Title: Planetary computation and AI modelling in the Anthropocene: The microbiome case

Scientific Area/field: SDEA-01/A (Anthropology) and PHIL-02/A (Logic and philosophy of science)
Cod. GSD (vd. DM 639/2024): 11/SDEA-01 e 11/PHIL-02

Tutors: Prof. Roberta Raffaetà and Prof. Matteo Pasquinelli

Duration: 12 months

Abstract: Planetary computation refers to the global infrastructure that permits the simulation, projection, and prediction of Earth system behavior. It depends on a global network of sociotechnical infrastructure that elaborates vast amounts of data and produces models of planetary dynamics which are today increasingly automated via AI models. This position will ethnographically trace and analyse the social networks that support and reproduce planetary computation infrastructures, combining ethnographic research, political epistemology and critical philosophy specifically to highlight the entanglement between new AI techniques for modelling and the specific case of microbiome research.
With prof. Raffaetà the candidate will work on the case study offered by the research on the microbiome and the intersection with database for the personalised medicine. With prof. Pasquinelli the candidate will work on the role and the history of AI models in the scientific workfield.

The research may be carried out in English.
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.

Who can apply

Prospective candidates are expected to hold a Master's degree (or equivalent title according to the Italian law) in Philosophy or equivalent qualification obtained abroad and appropriate 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.

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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: **May 1st, 2025**

Stipend: The research fellowship amounts to **25.800,00** Euros per year, including taxes and social charges.

Deadline for submission of applications: February 4th 2025 at 12.00 noon (Rome CET).
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. A copy of a valid identity document (either Identity Card or Passport);
5. (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;
6. (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;
7. Declaration on availability to held the interview in remote (Link) to be send via email at the following address: calls.fbc@unive.it , object "**Planetary computation and AI modelling in the Anthropocene: The microbiome case**"
8. (if available) the possession of a PhD, with the date on which it was obtained and the University where the course was held. Candidates must also submit a copy of the foreign title with a translation in Italian or English language including marks obtained, accompanied by a self-declaration relating to the conformity to the original of the translation itself;
9. Declaration to fulfil the additional evaluation criteria listed in art. 5 according the scheme "preferential criteria";
10. A list of the candidate's scientific publications;
11. A copy of max no. 2 scientific publications, to be attached to the application through the online procedure;
12. No. 1 reference letter, signed;
13. 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).

Incomplete applications will be rejected.

How to submit your application

Settore Ricerca - ricerca.fbc@unive.it

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Applications should be submitted by the online procedure, available at

https://apps.unive.it/domandeconcorso-en/accesso/dfbc-ar-erc-raffaeta-pasquinelli

By inserting their Italian Tax Code.
Foreign citizens not yet in possession of the Italian Tax Code can use the following link https://apps.unive.it/utils/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 **February 4th, 2025 at 12.00 noon (Rome CET).**
Please note that the University can be contacted for any support needs by the candidate until 24 hours prior to the deadline.
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.

The University will be closed from December 24th 2024 to January 6th 2025 included.

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 and publications, from 0 to 60;
For the interview, from 0 to 40.

Selection procedure

Short-listed candidates will be invited for the interview on **February 27th 2025 at 15:30 p.m. (Rome CET)** via **Google Meet.**
The interview will be held in English and in remote only. Further details on how to connect online will be published alongside the convocation notice.
The short-list of the candidates admitted to the interview and the related calendar, or any postponement, will be published on the University's webpage on **February 20th 2025.**

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 the Research Office of the Department of Philosophy and Cultural Heritage, email: calls.fbc@unive.it