Università Ca'Foscari Venezia
Dipartimento di Scienze Ambientali, Informatica e Statistica

Dipartimento di Scienze Ambientali, Informatica e Statistica
Università Ca' Foscari Venezia
Campus Scientifico – Via Torino 155, 30170 Mestre (VE)
P.IVA 00816350276 - CF 80007720271
www.unive.it/dais

Research fellowship on WatHEMOT (Water - Helmet for EMOTions): A psycho-educational training on emotional preparedness to foster resilience on hydrogeological risk, by engaging children and adolescents in smart thing design - 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 Environmental Science, Computer Science and Statistics at Università Ca' Foscari Venezia invites applications for a fellowship in:

TITLE: WatHEMOT (Water - Helmet for EMOTions): A psycho-educational training on emotional preparedness to foster resilience on hydrogeological risk, by engaging children and adolescents in smart thing design
SSD: INFO-01/A
area Cod. GSD (vd. DM 639/2024: 01/INFO-01
DURATION: 12 months
TUTOR: prof.ssa Alessandra Melonio
ABSTRACT: The WatHEMOT Project focuses on building resilience in primary and lower secondary students against the psychological impacts of hydrogeological disasters, such as floods and landslides. Recognizing the high potential for such events to disrupt children's emotional functioning, the project aims to strengthen students' emotional competence—specifically their skills in understanding, expressing, and regulating emotions. The research involves a psycho-educational intervention for fourth and seventh-grade students, promoting awareness of hydrogeological risks and emotional preparedness through activities (mainly workshops, field studies) that blend knowledge with smart design. The main objective of the research activity related to smart design is to integrate the codesign of smart objects into psycho-educational training to enhance students' preparedness for hydrogeological disasters. This approach actively engages primary and lower secondary students in the creation and design of smart objects, guided by researchers. It encourages students to explore the role of technology in managing risks and addressing potential emotional impacts. Through a series of smart design workshops, the research aims to raise students' awareness of safety behaviors and emotional regulation strategies, fostering a reflective and practical understanding of disaster resilience, in alignment with evidence -based educational standards. Additionally, researchers are involved in the development of phygital (physical + digital) toolkits, contributing to the creation of smart designs tailored to the project's target users.

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

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Prospective candidates are expected to hold a master's degree *in* **Computer Science, Interaction Design, Human Computer Interaction**, or related disciplines.

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: March 2025.
Stipend: The research fellowship amounts to 19.367,00 Euros per year, including taxes and social charges.

Deadline for submission of applications: January 16th, 2025, at 12.00 noon.

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: segreteria.dais@unive.it named: WatHEMOT (Water - Helmet for EMOTions): A psycho-educational training on emotional preparedness to foster resilience on hydrogeological risk, by engaging children and adolescents in smart thing design – prof.ssa Melonio
8. 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/dais2024melonioprin2022 By inserting their Italian Tax Code.
Foreign citizens not yet in possesion 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.

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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 January 10th, 2025, at 12.00 noon.

Please note that the University can be contacted for any support needs by the candidate 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.

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.

Selection procedure
Short-listed candidates will be invited for an interview on 31st, 2025, at 11:00 A.M. by Zoom
The short-list of the candidates admitted to the interview, or any postponement, will be published on the University's webpage from January 28th, 2025 (link).
The interview will be held in remote only. Further details on how to connect online will be published alongside the convocation notice.

Interview Topics
- Human Computer Interaction,
- Interaction Design, Physical computing,
- Internet of Things
- Good knowledge of English
- Good knowledge of italian

Scientific products
The research fellow, at the end of his/her activity must also provide the department with the following scientific products:
- Research Fellowship Final Report

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 041/2348526 - 041/2348531 – segreteria.dais@unive.it