Research fellowship on Study of fine and ultrafine particulate in the aquatic environment, with special focus on the Lagoon of Venice.
- Università Ca' Foscari Venezia

(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 Environmental Sciences, Informatics and Statistics at Università Ca' Foscari Venezia invites applications for a post-doc fellowship in:

**TITLE:** Study of fine and ultrafine particulate in the aquatic environment, with special focus on the Lagoon of Venice.

**SSD:** Environmental Chemistry and Chemistry for Cultural Heritage - CHIM/12

**Tutor:** Prof. Antonio Marcomini

**Duration:** 12 months

**Abstract:** The research activity will deal with the investigation of the fine and ultrafine fraction of aquatic sediments. Since this fraction is subject to resuspension and transport phenomena, aim of the research will be the evaluation of its role in the lagoon-to sea removal of sediment, as carrier of pollutants as well as by toxic agent by itself.

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 in Environmental Sciences 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: May 2019

Stipend: The research fellowship amounts to 23,367.00 Euros per year, including taxes and social charges.

Deadline for submission of applications: 08/05/2019, 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. 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://static.unive.it/domandeconcorso-en/accesso/dais2019marcominicorila

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 08/05/2019, 12.00 noon.

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.

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**

The interview will be on **10/05/2019 h 11:00 a.m.** at the at the Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, - Scientific Center – ALFA Building 7 floor – Prof. Antonio Marcomini office - Via Torino, 155 – Mestre (Venice).
The short-list of the candidates admitted to the interview will be available on **10/05/2019** out of office room .

<table>
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<tr>
<th>The interview:</th>
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<tr>
<td>The interview questions will cover:</td>
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<tr>
<td>• Physical-chemical techniques for the characterization of suspended fine and ultrafine particulate</td>
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<td>• Role of sediment as archive and carrier of chemical pollutants</td>
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<td>• Eco-toxicity associated to sediment and particulate.</td>
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<tr>
<td>• Good knowledge of English</td>
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<td>• Good knowledge of Italian (in case of foreign candidates)</td>
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Candidates living farther than 200 Kms from Venice may ask to hold a telematic interview.

**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 Environmental Sciences, Informatics and Statistics – 0412348634 – mail: segreteria.dais@unive.it
Rep. 505/2019
Prot. 23003-III/13
Venice, 19/04/2019

Il Direttore del Dipartimento di
Scienze Ambientali, Informatica e Statistica
Prof. Antonio Marcomini

[Signature]