



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 Life cycle assessment applied to innovative products and processes -
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

TITLE: Life cycle assessment applied to innovative products and processes

SSD: Environmental Chemistry and Chemistry for Cultural Heritage CHIM12

Tutor: Prof. Antonio Marcomini

Duration: 12 months

Abstract: The research activity is aimed at carrying out environmental impact assessments through e.g the application of Life Cycle Assessment (LCA) or the estimation of environmental footprints such as Carbon Footprint and Water Footprint of innovative products and processes. More specifically, products and production processes will be assessed in two main sectors: the food sector with a focus on waste recovery in a circular economy and the leather tanning sector. Specifically, for the food sector, a case study could address nutraceutical or milk products.

As far as leather tanning is concerned, a comparison of the environmental impacts caused by the traditional tanning process with hexavalent chromium is compared with the tanning process using an innovative tanning mixture developed within the GOAST project.

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 **in Environmental sciences, Environmental engineering or related areas**, 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: **January 2021.**

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

Deadline for submission of applications: **23/12/2020, 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](#)).

The form for declaring the availability to carry out the interview remotely which can be found at this link www.unive.it/moduli-assegni and must be sent via email to roxi@unive.it with the object: Life cycle assessment applied to innovative products and processes - Prof. Antonio Marcomini.

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:

link <https://apps.unive.it/domandeconcorso-en/accesso/dais2021marcomini>

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 **23/12/2020, 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.

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 interview:

The interview questions will cover:

- LCA applied to innovative products: strength and limitations
- Use of LCA results for products' valorization
- LCA applied to specific sectors (e.g. food sector, leather tanning sector)
- Good knowledge of English
- Good knowledge of Italian (in case of foreign candidates)

Selection procedure

The interview will take place **on 08/01/2021 at 09,30 Italian time**

The interview will be held in remote only.

The list of candidates admitted to the interview or any postponement will be announced on **24/12/2020** by notice that will be published on the website of this university ([link](#)) and on the web pages foreseen by current legislation.

This communication constitutes to all intents and purposes an official call and candidates will not receive any call or home communication. Therefore, candidates are required to present themselves, at the online interview, with a valid identification document, without prior notice, on the days and times indicated here. Any postponements will be made known on the day by means of a notice which will be published on the website of this university ([link](#)) and on the web pages envisaged by current legislation.

Information and contacts



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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 Prof. Antonio Marcomini - marcom@unive.it -

Venice,

The head of the Department of
Scienze Ambientali, Informatica e Statistica
Prof. Salvatore Orlando

Digitally signed