1 Research fellowship - 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 Molecular Sciences and Nanosystems at Università Ca’ Foscari Venezia invites applications for a fellowship in:

Title: “Study and development of applications for ecological flame retardants”

SSD: CHIM/02

Coordinator and Tutor: Prof. Pietro Riello

Duration: 12 months

Abstract:

The research activity concerns the structural and microstructural and chemical-physical study of minerals used as flame retardant fillers in the polymeric materials industry. The study will evaluate the effect of mechanical treatments on these matrices in terms of structural stability, crystallization water and particle size. Tests on mixing with commercial polymers will also be carried out.

CUP H75F21002970007

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 Materials Science or Materials Engineering 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

Dipartimento di Scienze Molecolari e Nanosistemi - Mestre-Venezia
ricerca.dsmn@unive.it / T. 041 234 8633
Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) or similar funded projects are warmly encouraged to apply.

The following qualifications are considered as evaluation criteria:
   a) the PhD in Chemistry and Science or Materials Engineering or equivalent;
   b) the completion of the attendance of a PhD course pending the awarding of the degree;
   c) specialization diplomas and certificates of attendance of post-graduate specialization courses, obtained both in Italy and abroad, the performance of documented research activities in public and private entities with contracts, scholarships or assignments both in Italy and abroad 'abroad;
   d) documented experience in the physico-chemical characterization of flame retardant materials;

Duration of contract: 12 months approximately starting: MAY 2022.

Stipend: The research fellowship amounts to 19,465.28 Euros per year, including taxes and social charges.

Deadline for submission of applications: 20/04/2022 at 12.00 (Italian time).

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://apps.unive.it/domandeconcorso-en/accesso/dsmn-riello-alphamicron

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 **20/04/2022 at 12.00 Italian time**.

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 April **28th 2022** at 10.00 a.m. (italian time)

"Auletta" - Piano terra - edificio Eta
Via Torino n.155
30174 Mestre-Venezia

The list of candidates admitted to the interview will be published on **April 22nd 2022** on the University web page (link).

The interview can be held via video conference subject to a duly justified request submitted by the candidate.
Topics of the interview:

- expertise in the physico-chemical characterization of materials;
- assessment of the knowledge of the Italian language for foreign candidates.

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 DSMN - Research Sector, tel. 041-2348699/8633 email: ricerca.dsmn@unive.it

Venice, 01/04/2022

Il Direttore del Dipartimento di
Scienze Molecolari e Nanosistemi
Prof. Maurizio Selva
digitally signed ex art.24 Dlgs 82/2005 (CAD) e ss.mm.ii.

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VISTO
La responsabile del procedimento
La Segretaria del Dipartimento di Scienze Molecolari e Nanosistemi
Sonia Barizza: barizza@unive.it
Telefono: 041-2348535 fax 041-2348517