Università Ca'Foscari Venezia
Dipartimento di Scienze Molecolari e Nanosistemi

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Università Ca' Foscari Venezia
Campus Scientifico – Via Torino 155, 30170 Mestre (VE)
P.IVA 00816350276 - CF 80007720271
www.unive.it/dsmn

Call for n. 1 Short Research Fellowship - Ca' Foscari University of Venice– Department of Molecular Sciences and Nanosystems

(L. 240 del December 30th 2010, art. 18, DL 19/2012; Regulations about Short Research fellowships DR 399/2018 del 04/05/2018 - last modified October 18, 2021 DR 1277/2021)

The present document in English is to be considered as a mere translation of the provisions of the call 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.

The Department of Molecular Sciences and Nanosystems of Ca' Foscari University of Venice, having regard to the Decree of the Director of the Department of Molecular Sciences and Nanosystems Rep. no. 698/2021 prot. no. 119076 of 03/11/2021 establishing the research programmes for awarding of the short fellowships regarding the **"Prototype development of paints with specific photoreactive characteristics for graphic applications"**, SSD: CHIM/02, lasting for 5 months, tutor prof. Pietro Riello, with the possibility of renewal within the limits of art. 4 of the Regulations for awarding of university short research fellowships

The expected starting date is in **November 2021**.

The research fellowship is awarded for the purpose of collaboration with the following research programme of the Department of Molecular Sciences and Nanosystems of Ca' Foscari University of Venice:

The project aims to refine the formulations of some inks based on fluorescent pigments.

For prototype development it is necessary to study and verify the optical properties of these inks that must be completely transparent and colorless in normal lighting conditions and "light up" if irradiated from a light source of a precise wavelength. The photosensitive ink will be printed on a transparent support and the display of screen prints will be possible only when the system is excited by a specific LED lighting.

The aim of the project is therefore to carry out a search for pigments and matrices for inks and identify the most suitable ones for the development of inks for printing on plastic or glasses, able to guarantee the expected performance in different environmental conditions and have a high time duration.

The research fellowship amounts to Euro 6.000,00;

Deadline: November 19 th 2021 at 12.00 p.m. (italian time)

Rules of eligibility - Beneficiaries.

a) People with masters degree (or equivalent) in Materials Science, Chemistry, Materials Engineering;
b) People without masters degree, but with specific qualifications: many years of experience in the development of paints and inks.

The following knowledge, skills and experience will also be evaluated as preferential qualifications:

the candidate must have documented experience in the study of photoreactive molecules/materials.

Applicants must hold all the requisites within the call deadline. The qualifications will be evaluated by a Commission that examines the eligibility and qualifications of the candidates and makes a merit rank of them.

Short Research Fellowship to non-EU citizens.

If a non-EU citizen already living in Italy applies for a Research Fellowship, he must hold a residence permit valid up to the Deadline of the call. Otherwise, the Department undertakes to undergo the procedures for obtaining a residence permit for research activities.

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How to apply
Candidates should submit:
1. The application form (http://www.unive.it/data/28900/), duly dated and signed.
2. A CV in European format (http://www.unive.it/data/28900/), duly dated and signed.
3. A photocopy of a valid identity document (e.g. Identity Card or Passport).
4. All documents, qualifications and publications relevant for the selection procedure.

How to submit your application
Candidates must submit an online application with all the required documents in accordance with the Regulations on Short research fellowship awarding and the following paragraphs.

Applications, together with all the required documentation, have to be submitted exclusively online at the following webpage:

https://apps.unive.it/domandeconcorso-en/accesso/dsmn-21-borsaazsol

not later than noon time (12:00 Rome CET) of November 19th, 2021.
In case the deadline is on Saturdays, Sundays or on holidays it is extended to the first working day thereafter.

The candidate, after the uploading, will receive a submission number and an e-mail acknowledging receipt of their application. The candidate if necessary could access the procedures for updating any data and materials through the link and submission number provided in the e-mail until the call deadline expires.

Please note that the University can be contacted for any support needs by the candidate until 24 hours prior to the deadline. For further information please contact: Segretariat of the Department of Molecular Sciences and Nanosystems, Research section, tel. 041-2348633, e-mail: ricerca.dsmn@unive.it

The University accepts no liability in the event of the recipient being untraceable or dispersion of the communications due to inaccurate indication of the domicile by the candidate, failure or delay in communication of variation of domicile or causes not depending on the University, or for any postal, telegraphic or telematic error or those attributable to third parties, chance events or force majeure.

The declarations made in the application shall be considered issued in accordance with the DPR no. 445/2000 and subsequent amendments, by candidates entitled to use the simplified administrative certifications permitted by the above decree

Selection procedure
The selection is made by assessment of the scientific-professional qualifications of the candidates, the *curriculum vitae et studiorum*, and an interview.

Short-listed candidates will be invited for interview on 23rd November 2021 at 9.30 a.m. at the Department of Molecular Sciences and Nanosystems of Ca' Foscari University, Via Torino 155, 30172 Metsre-Venezia at "Acquario" n. 1), 5° floor - Building "Alfa".

Candidates living more than 200 Kms far from Venice may ask to hold a video interview.

The short list will be published on http://www.unive.it/data/28900/ on *22nd November 2021.*

Candidates shall be selected, on the basis of their qualifications and an interview, by a selection committee appointed pursuant to Art. 7 of the Regulation for the awarding of short-term research fellowships.

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Therefore, candidates are required to present themselves, with a valid identification document, without notice, at the premises, on the days and at the time indicated in the public notice.

The absence of candidates from the interview will be considered to all intents and purposes as a renunciation of the selection, whatever the cause.

The Selection Committee awards a maximum of 100 points to applications, on the basis of the qualifications and interview, and then drafts a final merit-based ranking according to the assigned scores and identifies the winner. If the event of a tie, priority shall be granted to the younger of the two candidates.

The ranking shall be used according to the order in which it has been formulated and, in the event of withdrawal or failure by the assignee to accept the award by the deadline set by the department or early termination of the research collaboration agreement, the grant shall be assigned to another candidate following the order of the final merit-based ranking, in accordance with the Regulation for the Awarding of short-term research fellowships (Art. 8). The Selection Committee shall submit a competition report to the Director of the research department, who, after verifying the legitimacy of the competition procedure, shall approve the procedure and award the grant by Director's decree

Incompatibility
The fellowships within this announcement may not be combined with:

- other scholarships granted in any capacity, apart from those granted by national or foreign research institutes in order to integrate with periods abroad the specific activity foreseen by the work plan of the appointed fellow;
- attendance of PhD courses with scholarship and medical specialization, in Italy and abroad;
- research grants "assegni di ricerca";
- subordinate employment relationship.

Scholarship holders can carry out occasional work activities, upon written communication to the scientific manager and on the condition that:

- this activity is declared by the person in charge to be compatible with the pursuit of the research activity referred to in the scholarship;
- does not involve a conflict of interest with the specific research activity carried out by the fellow;
- does not prejudice the university, in relation to the activities carried out.

The granting of the Short Research fellowship does not give rise to the establishment of any employment relationship, nor does it give rise to rights regarding access to the roles of the University staff.

Information and contacts
Candidates may find further details about the application process and the research project in the official call published on: http://www.unive.it/data/28824/.
For further information please contact Segreteria DSMN, tel.041-2348633 email: ricerca.dsmn@unive.it

Evaluation Procedure and Commission.
A ***Commission*** summoned by the Director of the Department, who indicates the President of the Commission and the member taking the minutes, will evaluate the applications.
Evaluation procedure. The Commission defines the general evaluation criteria. The interview and any other test must ascertain the suitability of the applicant to the research activity. The Commission compiles a ranking and specifies the winning applicant, having regard to the score appointed to experience and qualifications, interview and any other test, as specified by the call.

Awarding of the short research fellowship Having received the selection documents, and at the outcome of the checks, the Director approves, by his own decree, the classification and the selection procedure reports and makes them public according to the procedures specified in the Regulation awarding the short research fellowship art. 6 and in the website http://www.unive.it/data/28900/. Exclusion is justified in detail in the selection reports which can be accessed in accordance with law 241/90.

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The Director of the Department at which the research programme will be conducted awards the research fellowship to the winner of the selection procedure, subject to ascertainment of the prescribed requirements. The latter shall accept the award within 7 (seven) days from receipt of the communication by signing the relative contract at the competent office of the Department of Molecular Sciences and Nanosystems which will establish the terms of and procedures for the collaboration and allocation of the grant.

Grant 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. The tutor coordinates the activities of the Research Fellow and any other research activity within the same program and provides the Fellow with all the information for carrying out the research.

The Department provides the Research Fellow with the needed back-up support such as access to facilities, equipment and administrative services.

The Research Fellowship is not, in any case, considered as an employment contract and the Fellow is not part of the University staff.

The rights for any patentable invention coming from Research Activities belong to the University or entities with which the University has signed (or will sign) specific agreements.

The person responsible for administrative proceedings

In accordance with Art. 5 of Law no. 241 dated 7 August 1990, as amended, the person responsible for the selection process (RPA) is Sonia Barizza who can be reached at the Department of Molecular Sciences and Nanosystems at the e-mail address ricerca.dsmn@unive.it

Final provisions

For anything not specified in this call, see the University of Venice's current regulations regarding the awarding for research fellowships and the current legislation.

Venice, 04/11/2021

Il Direttore del Dipartimento di
Scienze Molecolari e Nanosistemi
Prof. Pietro Riello
f.to digitalmente ex art.24 Dlgs 82/2005 (CAD) e ss.mm.ii.

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

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