SELECTION ANNOUNCEMENT FOR RESEARCH VISITING FELLOWSHIP

Project “Nanomateriali innovativi Ecosostenibili per Strumentazione portatile per Monitoraggio ambientale (NESMA),
project code 2105-0043-1463-2019

Visiting Fellowship for the development of magnetic / plasmonic nanomaterials for environmental pollutant capture and analysis

Project adhering to the Operational Programme co-financed by the Social European Fund and the evaluation criteria approved by the Programme Monitoring Committee

Regional Operational Programme F.S.E. 2014-2020 Veneto Region
and the European Regional Development Fund POR 2014-2020

Thematic Objective 8: Employment and Labour Market
Axis 1 - Improve access to work

D.G.R. (Regione del Veneto Decree) n. 1463 of 8th October 2020
Innovazione e ricerca per un Veneto più competitivo.
Assegni di ricerca 2019
(Innovation and research for a more competitive Veneto – Research grants 2019)

Project approved for financing by D.D.R. n. 231 of 10th march 2020
The University of Padova - Department of Chemical Sciences

- Having considered Law no.168 of 9th May 1989
- Having considered Decree no. 17 of 9th January 2008 regarding the admission of third-country nationals for the purposes of scientific research
- Having considered the University's Regulation on Research grants "Regolamento delle borse per lo svolgimento di attività di ricerca"
- Having considered the D.G.R. (Decree of the Regional Board) n. 1463/2019

HEREBY DECREES

To publish a selection announcement for the awarding of 1 research visiting fellowship as young scholar at the Department of Chemical Sciences under the supervision of Lucio Litti, Research Project Supervisor.

The research fellowship shall last **3 months**, starting from September 13th, 2021.

The research fellowship shall be for a total gross amount of **€ 6.000**, financed by ESF DGR n. 1463/2019 and will be paid in deferred monthly instalments.

The Research Fellowship Holder must carry out the following research activity:

**Production and application of anisotropic magnetic and plasmonic nanoparticles as sensor for environmental pollutants.**

At the end of the visiting period, the Research Fellowship Holder must submit a report on the activities carried out during their cooperation and on the achieved results.

**ADMISSION REQUIREMENTS**

- Master Degree in Chemistry, Industrial Chemistry, Material Sciences
- Bachelor Degree in Chemistry, Industrial Chemistry, Material Sciences

The eligibility of qualifications awarded abroad will be verified by the Selection Committee.

For candidates who have an Italian University degree:

Laurea triennale in Chimica, Chimica Industriale o Scienze dei Materiali

Laurea magistrale in Chimica, Chimica Industriale o Scienze dei Materiali
Laurea ex ante DM 509 in Chimica, Chimica Industriale o Scienze dei Materiali

**Required skills:**
The candidate, who must be employed at a foreign university or research institution, should be familiar with synthesis, manipulation and functionalization techniques of magnetic and plasmonic nanomaterials. The candidate should also be familiar with the most common techniques in microscopy and optical spectroscopy related to magnetic and plasmonic materials.

**Incompatibility**
The fellowships within this announcement may not be combined with:
- other research grants.
- other fellowships. Mobility fellowships awarded by Italian or foreign institutes for the same specific research activities required by this announcement will not be incompatible.
- For self-employed and employed candidates, compatibility with the grant shall be determined by the Research Project Supervisor.
- Research Fellowship cannot be awarded to anyone who is married or related to, or has an affinity with, up to and including the fourth degree of kinship, a professor or researcher working at the Department, the University Rector, the University Director General, or a member of the University’s Board of Governors.

**Procedures for submission of application form**
The deadline for submitting the application form is 21st May 2021 at 12:00, CET time

The application form to use is available at the webpage https://www.chimica.unipd.it/dipartimento/amministrazione-trasparente/bandi-di-concorso/concorsi-e-selezioni/bandi-didattica-3
and it can be:
1) delivered in person in a sealed envelope to the Department of Chemical Sciences at the Administrative Office in Via Marzolo 1, Padova from Sunday to Friday from 9:00 a.m. to 5:00 p.m.
2) sent by registered post with acknowledgement of receipt to:
Direttore del Dipartimento di Scienze Chimiche
Via Marzolo 1
35131 Padova - Italia;
The application must be received by the Department before the deadline. The sending date will not be accepted as evidence of meeting the application deadline.

On the envelope or in the email subject line it must be written: “Selection Announcement for the Awarding of Research Visiting Fellowship – NESMA Project at the Department of Chemical Sciences”.

3) sent by Trusted email service (list of Trusted Service Providers available at https://webgate.ec.europa.eu/tl-browser/#/). The application can be signed digitally or hand-signed and scanned.

Attachments:

a) dated and signed CV, Europass format;

b) copy of a valid identity document (Identity Card or Passport);

c) any other document, qualification or publication relevant to the selection.

Selection procedure

Candidates' applications shall be evaluated by a Selection Committee that will be nominated in accordance with the “Regolamento delle borse per lo svolgimento di attività di ricerca” of the University of Padova (Regulations Governing Research Fellowships), on the basis of their qualifications and an interview.

Prior to assessing candidates, the Selection Committee shall establish the maximum score, the criteria and the procedure to be used in the evaluations, the threshold for admission to the interview, the methodology and criteria for the interview.

Candidates residing abroad may participate to the interview using electronic means. The interviews will be held in English, via Zoom on May 28th 2021 at 09:00 (the link for the interview will be emailed to the candidates). The candidate shall make sure to have a well-functioning connection; both audio and video connection are required to make the candidate’s identification possible.

The Selection Committee may decide not to hold interviews in the event the qualifications allow a thorough evaluation of the candidates' eligibility.

Candidates will be notified of the date and time of the interview by e-mail. Any changes will be communicated to the participants via the mail address indicated by the candidate.

At the end of the selection, the Selection Committee will submit a report to the Head of the
Upon verification of the report, the Head of the Department decrees the ranking order and the awarding of the grant.

The administrative office of the Department that issued the selection announcement shall notify the successful candidate.

The winner must accept the award within ten days of notification. If the winner does not comply within said deadline, the winner will forfeit the right to the research fellowship and the fellowship will be awarded to the next eligible candidate, according to the ranking order.

The ranking order will be published on the University’s website and on the Department/Centre’s web page: [https://www.chimica.unipd.it/dipartimento/amministrazione-trasparente/bandi-di-concorso/concorsi-e-selezioni/bandi-didattica-3](https://www.chimica.unipd.it/dipartimento/amministrazione-trasparente/bandi-di-concorso/concorsi-e-selezioni/bandi-didattica-3)

**Return of Documents and Publications**

Any document and publication sent to the University can be returned at the applicant’s expense after two months from the completion of the selection process, except in the event of ongoing litigation.

**Processing of personal data**

Personal data will be collected and processed in compliance with UE Regulation of 27.04.2016 n. 679 (General Data Protection Regulation - GDPR).

Personal data will be processed, in print or electronic format, only for uses relevant to this selection and the consequent acts.

Submission of personal information and its processing are compulsory for the participation to the selection. Sensitive personal information will be stored and handled according to Decrees 68/1999 and 104/1992.

Complete information on personal data processing is available at [http://www.unipd.it/privacy](http://www.unipd.it/privacy)

**Reference person for administrative proceedings**

In accordance with Art. 5 of Law no. 241 dated 7 August 1990, the person in charge of the selection process (RPA) is Dr. Silvia Bortolami who can be contacted at the mail address segreteria.chimica@unipd.it, telephone no. +39 (0)49 827 5285
Any matters not expressly provided for in this selection announcement shall be governed by current national laws and the regulations of the University of Padova.

Padova,

The Head of Department of Chemical Sciences

Prof. Michele Maggini

Data: 14/04/2021 12:20:19