

Decreto del Direttore del Dipartimento di Scienze Molecolari e Nanosistemi 2021

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 reference to the research project entitled "Stability issues in the theory of hyperbolic and parabolic partial differential equations" acronym "SITHYPE" CUP: H75F21001760005, scientific director Prof. Marta Strani, funded under the call for proposals "University Research Projects SPIN- Supporting Principal INvestigators - Selection Notice 2021":

Title: "Stability issues for partial differential equations"

SSD: MAT/05-MAT/08

Coordinator and Tutor: Prof. Marta Strani

Duration: 12 months

Abstract:

The aim of this project is to investigate from a rigorous and a numerical point of view the asymptotic dynamics of partial differential equations of parabolic and hyperbolic type, and to understand how different variations in the character of the PDEs under consideration modify the behavior of their solutions.

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 in **Maths** and professional scientific curriculum suitable for carrying out research activities.

Will be considered preferential titles:

- PhD;
- the conclusion of the frequency of a PhD course pending the awarding of the degree;
- specialization diplomas and certificates of attendance of post-graduate specialization courses, obtained both in Italy and abroad, the carrying out of documented research activities with public and private subjects with contracts, scholarships or assignments both in Italy and abroad;
- any scientific publications, in particular those related to the themes of the project;
- eventual seminar activities in national and / or international conferences or at universities.

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: **April 2022**

Stipend: The research fellowship amounts to 21.983,39 Euros per year, including taxes and social charges.

Deadline for submission of applications: 31/01/2022 at 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. any signed reference letters (maximum two);
7. dated and signed list of exams taken in the master's / specialist degree with relative marks and indication of any exams taken in the doctorate.
8. All documents, qualifications and publications relevant for the selection procedure (please, see the notice [link](#)).
9. form for the declaration of readiness to carry out the interview remotely on the page www.unive.it/moduli-assegni to be sent by email to ricerca.dsmn@unive.it with the subject: "**Stability issues for partial differential equations**";

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-21-spin-sithype>

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 **31/01/2022 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.

Please noted that the University is closed for Christmas holidays from 24/12/2021 to 09/01/2022

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 February 15th 2022 at 10:00 a.m. (italian time) Via GoogleMeet

The list of candidates admitted to the interview will be published on February 10th 2022, on the University web page ([Link](#))

Topics of the interview:

- **Assessment of knowledge of one's own research activity, if any;**
- **Certainly knowledge of the project themes;**
- **Assessment of knowledge of the English language.**

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, 21/12/2021

The Director of the Department of
Molecular Sciences and Nanosystems
prof. Pietro Riello
Digitally signed 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