



Università  
Ca' Foscari  
Venezia

**Research fellowship on: *Forecasting tourism flow and CRFS 's dynamics* - 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: <http://www.unive.it/data/12137/> 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 *Economics* at Università Ca' Foscari Venezia invites applications for a fellowship in:

- **Title:**

***Forecasting tourism flow and CRFS 's dynamics.***

- ***Academic Discipline or disciplines specifically identified by the call*** SECS-P/06;
- ***scientific coordinator and tutor:*** Proff. Roberto Casarin and Nicola Camatti
- ***duration:*** 12 months

### ***abstract:***

The project aims to develop innovative and multidisciplinary approaches useful for forecasting tourist flows and the socio-economic dynamics that characterize the CRFS. The first goal of the project is to contribute to develop an integrated approach to tourist flow analysis, which accounts not only for traditional features of tourist flow data, but also for the global economic and pandemic conditions. After the identification of the stylized facts of tourist flow data, the project will focus on the measurement and modeling the project aims at measuring and modelling the dynamic relationships between different geographical areas. Other data sources will focus on CRFS. The use of a Bayesian approach to inference, based on simulation techniques such as sequential Monte Carlo or MCMC methods, will be considered in order to allows for different sources of information to be included in the estimation.

### **Who can apply**

Prospective candidates are expected to hold a master's degree in *quantitative economics* and in the subjects of the research, or related disciplines.

### **Candidate Profile:**

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.

### **Favourite headlines**

- Holding a PhD;
- the conclusion of a PhD course whilst awaiting the award of the title
- Specialization diplomas and certificates of attendance of postgraduate courses with research topics related to the object of the grant, obtained both in Italy and abroad, the performance of documented research activities at public and private entities with contracts, scholarships or assignments both in Italy and abroad with research topics related to the object of the grant
- *Requested knowledge and skills.* The ideal candidate will have a background in quantitative economics, time-series (in particular Bayesian time series), and nonlinear model estimation techniques. In addition it is requested the knowledge of the empirical macro literature, and preferably knowledge of the literature on tourism economics and at least one year of research experience in time series analysis.
- *Language.* English: spoken and written fluently or almost. Italian: better if spoken but not necessarily.
- *Software.* Programming with at least one of the following software: Matlab, GAUSS o Octave.

**Duration of contract:** 12 months, starting in December 2021.

**Stipend:** The research fellowship amounts to **Euro 19.541,00.=per year**, gross to the recipient, net of the expenses to be sustained by the Provider. The amount may be subject to adjustment in the event of variations in the law.

**Deadline for submission of applications: by and no later than 2021-11-19, h. 12:00 noon – local time.**

If the deadline is on Saturday or on holidays, the deadline is extended to the first working day thereafter.

### **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. (<http://www.unive.it/pag/28830>)
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. Master's Degree or Old Master's Degree in *quantitative economics* or equivalent foreign qualification;



6. (If available) Doctoral degree;
7. Declaration on availability to held the interview in remote (<https://www.unive.it/pag/28830>) to be send via email at the following address: [simar@unive.it](mailto:simar@unive.it):
8. (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;
9. A letter including the specific skills and competence for the particular postdoctoral position
10. A summary of work previously done
11. All documents, qualifications and publications relevant for the selection procedure (please, see the notice <http://www.unive.it/data/28825/>).

All the schemes of the quoted documentation are available on the website <http://www.unive.it/pag/28830>.

### How to submit your application

Applications should be submitted by the online procedure, available on the notice webpage <http://www.unive.it/data/28825/>

#### Or submit here:

<https://apps.unive.it/domandeconcorso-en/accesso/dec-casarincamatti-04112021>

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 **2021-11-19, h. 12:00 noon – local time.**

If the deadline is on Saturday or on holidays, the deadline is extended to the first working day thereafter.

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.



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### **Selection procedure**

The interview will be held in remote only. Further details on how to connect online will be published alongside the convocation notice

The interview will be on **2021/11/24, at 10.00 AM.**

The short-list of the candidates admitted to the interview, or any postponement, will be published on the University's webpage on **2021/11/22** (<http://www.unive.it/data/28899/>).

### **Modalities for monitoring and evaluating the activity carried out by check holders**

At the end of the period of duration of the grant and in any case at the end of each year, in the case of multi-year grants, the researcher is required to submit to the structure a written report on the research activity carried out.

At the end of the research activity, the researcher must provide the department with the following scientific products that define a "minimum standard of result":

- *nr. 2 reports in English on the research activity*

### **Information and contacts**

Candidates may find further details about the application process and the research project in the official call published on the following webpage <http://www.unive.it/data/28825/>

For further information please contact: Segreteria Amministrativa del Dipartimento di Economia, phone number: 041-2349173; e-mail: [simar@unive.it](mailto:simar@unive.it)