



Call for applications to the comparative selection procedure for n. 3 collaboration contracts on the European Union funded project DCS

1. Premise

A comparative selection procedure, based on qualifications, approved by Luiss CE, is organized to assign n. 3 collaboration contracts – according to the National Collective Bargaining Agreement for Collaborators at Private Universities (ACNC) – for supporting research activities related to the project 101054421 – DCS – ERC-2021-ADG (CUP I83C22001540006), funded by the EU within the framework of the Horizon Europe research and innovation program (hereinafter "the project").

2. Subject of the contract

The project aims to develop new methods to characterize the equilibrium dynamics of rich distributions, for a rigorous understanding of the forces that impinge on the aggregate economic behavior in the presence of heterogeneity. The applications are aimed at understanding the role that such heterogeneity plays in the workings of the economy and its ability to respond to shocks in the presence of frictions and lumpy behavior (infrequent large adjustments), as is the case for durable purchases, technology adoption, portfolio adjustments, investment and price setting.

The purpose of this comparative evaluation selection procedure is to select 3 collaborators:

- Position n. 1: A specialist in applications of Mean field games (MFG) to economic models that feature lumpy behaviour, in particular on price setting and means of payments. The task is the development of the economic models, its implications, and the identification of the parameters for actual data sets.
- Position n. 2: A specialist in p.d.e. methods applied to MFG to impulse control models, as well on finite difference schemes. The task is in using analytical methods to characterize the equilibrium behaviour of MFG as well as the suitability of finite difference approximations schemes for numerical solutions.
- Position n. 3: A specialist in applied micro data in both price setting and means of payments. The task is to estimate using large cross sectional methods models of lumpy behaviour applied to investment, price setting and adoption of means of payments.

3. Location, duration and remuneration

Project research activities to be carried out will belong to Luiss, under the supervision of the Scientific Coordinator of the project, who will verify correct performance of the contract and the consistency between results achieved and objectives set.



Here below the duration and the remuneration provided for each profile:

- Position no. 1

Duration: from the first day of the month following the awarding of the contract, compatibly with the timing of administrative procedures, to the 30/09/2027.

Maximum gross amount depending on the fiscal regime of selected candidate: 36.361 euro

The amount includes contributions to be paid by the researcher.

- Position no. 2

Duration: commencing from the first day of the month following the awarding of the contract, compatibly with the timing of administrative procedures, to the 30/09/2027.

Maximum gross amount depending on the fiscal regime of selected candidate: 20.200 euro

The amount includes contributions to be paid by the researcher.

- Position no. 3

Duration: commencing from the first day of the month following the awarding of the contract, compatibly with the timing of administrative procedures, to the 30/09/2027.

Maximum gross amount depending on the fiscal regime of selected candidate: 20.200 euro

The amount includes contributions to be paid by the researcher.

The remuneration will be paid in deferred six-monthly instalments from project funds.

4. Admission requirements

Admission to the comparative selection procedure is allowed providing the following requirements, failing which the candidate will be excluded:

- a) PhD in Economics , mathematics, physics or engineering;
- b) proven ability to work and write in English

In any case, for admission to the comparative evaluation selection procedure it is necessary that the candidates:



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- c) enjoy of their civil and political rights;
- d) not have a criminal record and not be the addressee of measures concerning the application of preventive measures, civil decisions and administrative measures entered in the criminal records database;
- e) be aware that they are not undergoing criminal proceedings.

This comparative selection procedure is not open to those who, on the date of the deadline for the submission of applications, are related, by blood or marriage up to the fourth degree inclusive, to a professor affiliated with the department or unit responsible for this notice of competition, the Rector, the General Manager or a member of the Board of Directors of the University, pursuant to articles 18(1)(b) and 18(1)(c) of Law No. 240/2010 as amended.

The prescribed requirements must be fulfilled by the deadline set out herein for the submission of applications. In the absence of fulfilment of the prescribed requirements for admission or in the absence of a declaration of their fulfilment, the candidate will be excluded from the procedure.

Candidates are admitted conditionally. At any time and by means of a decision stating the reasons therefore, the Administration may exclude a candidate from the procedure for failure to fulfil the prescribed requirements.

f) Applications

Applications must be sent through the online form available on the Luiss website at the following link:

<https://www.luiss.edu/research/recruiting-calls>

without exception, no later than 3pm (CEST, UTC+2) on the **tenth day running from the day after the date of publication** of this call for applications. If the deadline falls on a public holiday, it will be extended to the first working day thereafter.

The following documentation must be attached to the application:

- 1) Curriculum vitae in English including the most relevant scientific publications;
- 2) Copy of a valid identity document;



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After the submission of the online application, including attached documents provided, candidates will receive a confirmation message at the e-mail address indicated. In case of non-receipt of the aforementioned email, contact the Research Office (06.8522.5989 - ricerca@luiss.it).

Incomplete applications or applications sent and not received by the deadline will not be considered. Luiss declines all responsibility for non-receipt of applications deriving from any causes attributable to third parties, fortuitous events or force majeure.

Finally, it should be borne in mind that the Administration will check the truthfulness of the content of the declarations in lieu received and that, in addition to forfeiture of any benefits obtained on the basis of untrue declarations, the candidate could well be criminally liable for falsification of documents and making false statements.

The submission of an application to participate in this comparative selection procedure shall constitute full acceptance of the conditions set out herein.

Candidates with disabilities, within the meaning of article 3 of Law No. 104 of 5 February 1992, may apply in their application for the facilitations provided for in article 20 of the same law (additional time, special aids, etc.), attaching certification relating to the specific disability issued by the competent local medical commission.

6) Selection Criteria

The selection will be carried out by a specially appointed Evaluation Committee and based on the analysis of the candidates CV. A particular emphasis will be based on the publications track record in the field of position.

The overall final score will be up to 40 points.

The minimum score to attain eligibility is 24 points.

The commission evaluation is final and unappealable.

7) Evaluation Committee

The Evaluation Committee will be appointed after the expiring date of applications submission deadline with a specific Luiss Rector's decree.



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The Evaluation Committee shall be composed of:

- the Scientific Coordinator of the project;
- a project team component;
- an internal member;
- an internal or external substitute member.

One of the members of the Evaluation Committee will be entrusted with the task of recording secretary.

8) Evaluation Outcome

The outcome of the comparative selection procedure and the final ranking are published on the Luiss website at <https://www.luiss.edu/research/recruiting-calls>.

Finally, the Committee formulates an overall judgement for each candidate and compiles a ranking in descending order based on the sum of the scores obtained. The above ranking will remain valid until the end date of the project for needs directly related to the project and its implementation. In the event of a tie as regards the scores obtained, the youngest candidate shall be afforded precedence. Publication shall be deemed to constitute notification to all intents and purposes.

The winning candidates will be notified in writing of the offer of a contract at the ordinary e-mail address provided when submitting the application. The position must be accepted within 10 days after date of receipt of the offer, failing which the contract will be forfeited.

If the winner is a foreign candidate, he or she will have to meet all applicable labour law requirements for foreign nationals at the time of signing the contract. The contract is individual and indivisible. The contract shall conclude and the associated relationship shall cease on expiry of the term and shall not be tacitly renewable.

9) Publication

This call for application is published, as well as on the Luiss website at <https://www.luiss.edu/research/recruiting-calls>, also on the website www.euraxess.org.



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10) Processing of personal data

Pursuant to article 13 of Legislative Decree No. 196/2003 (hereinafter the "Data Protection Code") and article 13 of Regulation (EU) 2016/679 (hereinafter "GDPR 2016/679") on the protection of persons and others with regard to the processing of personal data, the personal data provided by candidates will be processed in compliance with the above mentioned legislation and confidentiality obligations.

The data will be collected by Luiss Libera Università Internazionale degli Studi Sociali Guido Carli, with registered office at Viale Pola 12 in Rome, the controller with regard to the data in question, and processed for the purposes of managing this comparative evaluation selection procedure and the awarding of the collaboration contract, if any, for academic research and dissemination of results.

11) Disputes

The Courts of Rome shall have exclusive jurisdiction over any disputes that may arise in relation to the interpretation and performance of this call for applications.

12) Other rules

For all matters not specifically addressed in this call for applications, reference is to be made to the National Collective Bargaining Agreement for Collaborators at Private Universities (ACNC), the Italian Civil Code and the relevant EU and national laws and regulations in force.

Rome, November 8th, 2023

Luiss Guido Carli
The General Manager
Giovanni Lo Storto



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