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Unidade de Estudos sobre Complexidade e Economia

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English **Português**

1. Descrição do cargo/posição/bolsa
1. Job description

Job:

Doctorate hiring in the field of Economics

Job/Fellowship Reference: PTDC/EGE-ECO/28814/2017 - UECE MUFFINS

Main research field: Economics

Sub research field: Macroeconomics

Job summary:

ANNOUNCEMENT FOR THE OPENING OF AN INTERNATIONAL SELECTION TENDER PROCEDURE FOR DOCTORATE HIRING PURSUANT TO ARTICLE 4 OF DECREE-LAW NO. 57/2016 OF 29th AUGUST, WITH THE AMENDMENTS INTRODUCED BY LAW 57/2017, OF 19th JULY AND COMPLEMENTARY LEGISLATION The UECE – Research Unit on Complexity and Economics opens an international selection tender for one doctorate vacancy to perform duties of scientific research in an undefined work contract regime. The procedure follows the Decree-Law 57/2016 of 29th August, updated by the Law 57/2017, of 19th July, which approves the legal regime of Scientific Employment (hereafter RJEC), the implementing Decree 11-A/2017 of 29th December and the Labour Code, under its current reading. JOB DESCRIPTION: The R&D activities will be carried out as an integral part of the project Markups, Fluctuations, and Financial Frictions (MUFFINS), reference PTDC/EGE-ECO/28814/2017. WORK PLACE: UECE, Lisbon, Portugal

Job description:

1. The board of UECE deliberated the opening of an international selection tender for one doctorate vacancy to perform duties of scientific research in the field of Economics, under an undefined work contract regime pursuant to the Labour Code, for the maximum duration of six years, based on the execution of a specific service, precisely defined and not lasting, pursuant to the dispositions of article 6 numbers 1 b) and 3 of Decree-Law number 57/2016 of 29th August, updated by the Law 57/2017, of 19th July and to the Labour Code, under its current reading. The R&D activities to be carried out will be part of the workplan for the project Markups, Fluctuations, and Financial Frictions (henceforth MUFFINS), with the reference PTDC/EGE-ECO/28814/2017, financed by Portuguese funds (FCT/OE) under the contract PTDC/EGE-ECO/28814/2017 between the Fundação para a Ciência e a Tecnologia, I.P. and UECE – Research Unit on Complexity and Economics. The project MUFFINS aims to contribute to the knowledge of the relationship between the monopoly power of firms and aggregate fluctuations. To do so, we answer the following research questions. Question (1): How do markups react to demand and productivity shocks? This question requires an empirical response. We explore microeconomic databases where price and quantity information may be used to identify separately productivity and demand shocks. Furthermore, we intend to study how important is the mismeasurement problem of using the labour share (instead of the intermediate goods share) in production as the main proxy for markups. Preliminary results for a small group of single-product industries are encouraging and seem to be able to clarify the picture: markups are clearly pro-cyclical with productivity shocks and tend to be counter-cyclical with demand shocks. Question (2): How are firms' pricing and markup decisions influenced by their financial strength? This question has also an empirical nature. We intend to make use of the results produced by the response to (1) and the rich financial information available in the micro-data. By using recently-released data for the post-2011 period in Portugal, we aim to test existing theories for markup fluctuations based upon corporate finance explanations. Preliminary results for a limited number of industries apparently support the hypothesis that financial strength of firms is crucial for their market-power behaviour. Question (3): Can counter-cyclical markups induce singular dynamics at the macroeconomic level? This question is mainly theoretical. We use recent methods from applied mathematics in an otherwise standard dynamic general equilibrium model with an endogenous markup generated by intra-industrial Cournot competition and entry. Preliminary results show that this type of atypical nonlinear dynamics may exist and that they can extend to other macro models. This may give rise to temporary determinacy features, which have not been studied in economics. Potentially, this can explain why economies may shift from instability periods to stability ones or vice-versa without observable structural changes. Finally, our results can be used for policy be it fiscal, monetary or regulatory. Responses to questions (1) and (2) may be especially important in a Portuguese and European environment, but they have also the potential to be used in other economies. The response to question (3) clearly provides a global outreach to the preliminary results already found in the empirical work on the remaining ones. The project planned duration is 36 months starting on 1 October 2018. 2. Applicable Legislation: a) Decree-Law no. 57/2016 of 29th August, which approved the doctorate hiring regime destined to stimulate scientific and technological employment for all knowledge areas (RJEC), with the amendments introduced by Law no. 57/2017 from 19th July, also considering the provisions of Regulatory Decree 11-A/2017, of 29th December; b) Labour Code approved Law 7/2009 of 12th February, under its current reading. 3. Monthly remuneration to be paid is the remuneration set by article 15, number 1 of Decree-Law 57/2016 of 29th August and article 2, number 1 of Regulatory Decree 11-A/2017, of 29th December, corresponding to level 49 of the Single Salary Table, approved

by Order 1553-C/2008 of 31st December, i.e. 2952.21 Euros. 4. Workplace shall be at the facilities of UECE, in Lisbon, without prejudice to the necessary duty travels. 5. Any national, foreign and stateless candidate(s) for this job must meet the following requirements: a) Holding a doctorate degree in Economics or related area with a strong quantitative background and a scientific and professional curriculum that fits the project activities. In the event the doctorate degree was awarded by a foreign higher education institution, the degree must comply with the provisions of Decree-Law 341/2007 of 12th October, and all formalities established therein must be complied within the application deadline; b) Having a postdoctoral research experience compatible with the category of scientific research career corresponding to the defined remuneration level; c) Having interest and motivation to produce research in policy and to help the project team disseminating the findings of the papers produced amongst the academic community and policy makers. 6. Pursuant to article 5 of RJEC, the selection is made through the evaluation of the scientific and curricular path of the candidates and their suitability to the description of the position whose work plan foresees the fulfilment of the following tasks: The new member of the team will be recruited to work with the members involved in order to produce new ideas for future research, especially in applying the results produced to new theoretical, quantitative, empirical, and policy-oriented papers. 7. The post-doctoral scientific and curricular career evaluation focuses on the suitability to the project, relevance, quality and timeliness: a) of scientific production in the last five years, deemed most relevant by the candidate, in topics related to the research to be developed in the tender position; b) of research activities developed in the last five years, deemed most impactful by the candidate; c) of knowledge extension and dissemination activities developed in the last five years, namely under the scope of the promotion of culture and scientific practices, deemed most relevant by the candidate. 8. The five-year period mentioned above can be extended by the panel, if requested by the candidate, whenever the suspension of scientific activities is reasoned by socially protected grounds like paternity leave, long-term serious illness, and other legal situations of unavailability to work. 9. Evaluation criteria are the following: 9.1. Candidates who present skills, CV and/or experience out of the scope defined in points 1 and 5 will be excluded. 9.2. The evaluation of the scientific and curricular path focuses on the suitability to the project, relevance, quality and timeliness: a) of the scientific, technological, cultural or artistic production of the last five years considered more relevant by the candidate and adequate to the project to be developed, which is given a weighting factor of 50%; in the analysis of scientific production is considered publication (articles, books, chapters of books and other publications) and participation in national and international academic meetings; b) of research activities, including applied or practice-based research, developed over the past five years and considered to be of greatest impact by the applicant and relevant to the project to be developed, including participation in projects and networks and international partnerships, which is given a weighting factor of 40%; c) of the activities of extension and dissemination of knowledge developed in the last five years, namely in the context of the promotion of culture and scientific practices, considered of greater relevance by the candidate, which is given a weighting factor of 10%. 9.3. The evaluation process may include an interview or a public presentation or demonstration session by all or a few candidates to clarify aspects related to their research and has a maximum weight of 10% of the total evaluation. 9.4. Candidates final classification system shall be given based on a scale of 1 to 5 up to the decimal place and results from the application of the above-mentioned weightings. 10. In accordance with article 13 of the RJEC, the selection panel is composed as follows: President: António Manuel Pedro Afonso Member: Luis Filipe Pereira da Costa Member: Paulo Meneses Brasil de Brito 11. The panel shall deliberate by means of roll-call vote justified under adopted and disclosed selection criteria, with no abstentions allowed. After selection criteria application, the panel shall prepare a sorted list of approved candidates and respective classification. 12. Minutes of panel meetings shall be executed and shall include a summary of all occurrences of said meeting, as well as of all votes casted by the members and respective reasoning, and shall be provided to candidates whenever required. 13. The jury reserves the right to not select applicants if the applicants do not have the adequate quality and profile in terms of absolute and relative merit. 14. Panel's final decision shall be validated by the leader of the institution, who is also in charge of deciding about the hiring. 15. Application formalization: 15.1. Applications are formalized upon application letter, addressed to the President of UECE, elaborating on the motivations for applying to the vacancy. The application letter should also contain the identification of this notice, full name, number and date of identity card, Citizen Card, or civil identification number, tax identification number, date and place of birth, occupation, address, e-mail and telephone number. 15.2. The application shall include all supported documents encompassed by section 5 for tender admission, namely: a) Certificate(s) copy(ies); b) PhD thesis or equivalent document(s) that determined the award of the academic degree; c) Curriculum Vitae, detailed and structured according to section 9. The works that the candidate considers most relevant and that allow to evaluate their relevance, quality, timeliness and suitability should be marked and a copy should be added; d) Other relevant documents to the analysis of the application. 15.3. Candidates shall submit their application files and supporting documentation, preferably in a digital form, in PDF format, via email to uece@iseg.ulisboa.pt; in person at Rua Miguel Lupi, N.º 20, Office 406 – 1249-078 Lisboa, during working hours; or by mail to said address. When submitted by mail, applications must be sent by registered mail with receipt acknowledgement, sent until the last day of application deadline, which is hereby set as the period of 10 working days after the publication of this announcement [Deadline for application: 15 July 2020]. 16. All candidates who formalize their applications in an improper way or fail to prove the requirements imposed by this tender are excluded from admission. In case of doubt, the panel is entitled to request any candidate to present further documentation supporting their statements. 17. False statements provided by the candidates shall be punished by law. 18. Within a maximum period of 90 days from the application deadline, the panel's final decisions are pronounced. All the candidates will be notified of the final selection decision by email with delivery receipt of the notification. 19. Preliminary Hearing and Final Decision Deadline: After notified, all candidates have 10 working days to respond. 20. This tender is exclusively destined to fill this specific vacancy and can be terminated at any time until approval of final candidate list, expiring with the respective occupation of said vacancy. 21. Non-discrimination and equal access policy: UECE actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership. 22. Under the terms of D.L. No. 29/2001, of February 3, a disabled candidate has a preference in equal classification, which prevails over any other legal preference. Candidates must declare their respective degree of disability, the type of disability and the means of communication / expression to be used in the selection process, under the terms of the above-mentioned diploma. 23. The panel has approved this announcement in meeting held on 12 May 2020.

Vacant posts: 1

Type of contract: Other

Job country: Portugal

Job city: Lisboa

Job company/institute: Unidade de Estudos sobre Complexidade e Economia

Application deadline: 15 Julho 2020

(The Application's deadline must be confirmed on the Job Description)

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2. Dados de contactos da organização 2. Organization contact data

Organization/institute: Unidade de Estudos sobre Complexidade e Economia

Address:

Rua Miguel Lupi, 20
Lisboa - 1249-078
Portugal

Email: uece@iseg.ulisboa.pt

Website: *not available*

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3. Habilitações académicas 3. Required education Level

Degree: Doctorate degree in Economics or related area with a strong quantitative background and a scientific and professional curriculum that fits the project activities.

Degree field: Economics

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4. Línguas exigidas 4. Required languages

Language: English
Priority: High
Reading: Excelent
Writing: Excelent
Comprehension: Excelent
Conversation: Excelent

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5. Experiência exigida em investigação 5. Required research experience

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