Job
Notice for International Call to hire a PhD Researcher

Job/Fellowship Reference: UIDP/00297/2020 - NOVAID109

Main Research Field: Mathematics

Sub research field:

Job summary:
By decision of the Board of Directors, NOVA.AI/TCI - Associação para a Inovação e Desenvolvimento da CFT ("NOVA.AI/TCI"), opens an international call to hire a PhD Researcher with the internal reference NOVAID109, under a limited term employment contract to conduct research activities in the field of Mathematics, within the scope of the research unit Center for Mathematics and Applications (CMA) (NAT/UC31/T), financed by Fundação para a Ciência e a Tecnologia, I.V. (ref. UIDP/00297/2020 and UIDB/00297/2020). This international call for hiring a PhD Researcher is inserted in the funding field UIDP/00297/2020.

Job description:

1. Type of contract and applicable legislation
The hiring of the PhD Researcher will be made by means of an Unlimited Term Employment Contract entered into in accordance with the Portuguese Labour Code approved by the Law no. 72/99 of February 12th, as amended. The contract should have a forecasted duration of 36 months, with possible extension, and should not be extended further than the term indicated above mentioned. The contract should begin in September 2022.

The present hiring procedure is further governed inter alia by Decree-Law no. 77/2021 of July 29th, as amended by the Law no. 57/2017 of August 29th and Regulatory Decree no. 11-A/2017 of December 29th.

2. Main responsibilities and activities and exclusivity
The PhD Researcher will perform research activities, supervision and management of several basis planned for the research unit. The PhD Researcher will devote the whole of his/her professional activity to NOVA.AI/TCI, on an exclusive basis.

3. Place of work
The work is to be carried out at the facilities of the Center for Mathematics and Applications (CMAI), located at the Department of Mathematics, in the Faculty of Sciences of the University of Lisbon and the researcher shall travel, in Portugal or abroad, as required by his/her attributions or as necessary for his/her activity.

4. Monthly remuneration
The PhD Researcher shall earn a monthly remuneration in the gross amount of € 2,125.34 by reference to the 25th grade of the salary scale, pursuant to number 2 of Article 13 of Decree-Law no. 77/2021 of July 29th, as amended by Law no. 57/2017 of August 29th and Regulatory Decree no. 11-A/2017 of December 29th.

5. Admission Requirements
Applicants to this call may be national, foreign or stateless candidates holding a PhD degree in the field of Mathematics or related areas of interest to the project, legally eligible and/or recognized in Portugal. Candidates should present a work plan related to the research topics developed at CMAI. Refer to CMAI’s webpage for further information: https://www.uma.pt/cmai/

6. Evaluation of the Applications and Composition of the Jury
Applications shall be subject to evaluation by a jury that shall follow the procedure established in articles 13 and 14 (by virtue of article 13) of Decree-Law no. 57/2017 of 19 July, as amended by Law no. 13/2017 of 19 August.

Pursuant to Article 13 of Decree-Law no. 77/2021 of July 29th the jury is composed of the following members:

- President/Jury Chairperson: Prof. Andrei Hărău, CMAI and DM-PCT-UL
- Vice-President: Prof. R. Fernandes Correia, CMAI and DM-PCT-UL
- Members: Prof. Filipe Marques, CMAI and DMC-UP
- Vice-Member: Prof. Gónzalo Taboada, CMAI and DM-PCT-UL
- Vice-Member: Prof. Jorge Gomes Cordeiro, CMAI and DM-PCT-UL

7. Selection criteria
The selection of the successful candidate will be carried out in the evaluation of the scientific and curricular achievements as established by Decree-Law no. 57/2017 of 19 July, as amended by Law no. 13/2017 of 19 August and the selection criteria and their respective weighting shall be as follows:

- a. CV (20%);
- b. Motivation letter and recommendation letter (15%);
- c. Work plan (15%);
- d. Adequacy of the work plan to CMAI’s Strategic Plan (20%);
- e. Interviews (20%).

The interviews will be conducted by videoconference, only for the three candidates with the highest score obtained in the sum of the classifications of criteria a), b), c) and d).

Preference will be given to candidates that:
- a. Carry out research work in one of CMAI’s research sub-areas, namely: Algebra and Logic, Analysis, Operations Research, and Statistics and Risk Management;
- b. Carry out research work in one of the thematic lines under development at CMAI, namely: Mathematical Biology, Mathematics for Health and Data Science.

Candidates who do not obtain a minimum of 75% as result of the Jury’s evaluation according to the selection criteria, will not be hired.

8. Final Decision
The final decision of the jury shall be communicated by the ultimate governing body of NOVA.AI/TCI that is also responsible for the decision of hiring.

The list of admitted and excluded candidates and the final list of classification will be published on the website of NOVA.AI/TCI (www.novaid.pt) and sent by electronic mail with receipt of delivery to all candidates.

9. Submission of Applications
Applications must be submitted between 15/08/2022 and 12/09/2022, at any time before the subject: PhD Researcher application - FATI/22/07 - ref. "NOVAID109", addressed to cmai.areas@fct.uma.pt, and containing a PDF file with the following documents in the subject: PhD Researcher application - FATI/22/07 - ref. "NOVAID109".
Portuguese or English language:
- CV with ORCID reference number;
- Motivation letter, including a synopsis of the scientific career;
- Work plan (maximum of 5 pages);
- Doctoral Certificate;
- Copies of at most 3 publications representative of the experience of the targeted research area.

A reference letter directly sent by the writer to cme.secretaria@fe.up.pt, with the subject “Recommendation letter for [ Candidate Name ] - Mat. [CANDIDATE NAME]”.

The registration and/or recognition of the doctoral degree will be verified when the contract is signed.

10. Non-discrimination and equal access policy

NOVA ID PCT actively promotes a non-discrimination and equal access policy, reason for which no candidate can be benefited, penalized, or deprived of any duty, namely age, sex, disability, sexual orientation, chronic illness, nationality, ethnic origin or race, religion or political beliefs.

Vacant posts: 1
Type of contract: Information not available
Job country: Portugal
Job city: Coimbra
Job company/Institute: NOVA ID PCT – Associação para a Inovação e Desenvolvimento da PCT

Application deadline: 12 June 2020
(The application’s deadline must be confirmed on the Job Description)

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2. Requisitos académicos
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3. Experiência exípida em investigação
3. Required research experience

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