

ANNOUNCEMENT FOR THE AWARD OF A POST-DOCTORAL RESEARCH FELLOWSHIP

Post-Doctoral research Fellowship; 2 vacancy

A call for applications is now open for the attribution of two grants of post-doctoral research fellowship (BIPD) within the scope of the R&D project UIDP/00013/2020-Financiamento Programático do Centro de Matemática, financed by national funds (PIDDAC) through “Fundação para a Ciência e Tecnologia” (FCT), I.P./MCTES, under the following conditions:

Scientific Area: Mathematics

Recipient category: The BIPD are intended for doctorates in the area of Mathematics, who cumulatively meet the following requirements:

- Holders of a PhD degree obtained in the three years prior to the date of submission of the fellowship application***;
- Have carried out the research work that led to the attribution of a PhD degree in an entity other than the host unit Centre of Mathematics of the University of Minho (CMAT)**;
- Do not exceed, with the conclusion of the contract in question, including possible renewals, a cumulative period of three years in this type of fellowship, consecutive or interpolated.

Candidates who do not cumulatively meet the requirements described will be excluded.

Other requirements: A research plan to be carried out during the period of the contract should be submitted in this application; the plan should be considered appropriate for the scientific activity developed at CMAT and should emphasize the adequacy to the CMAT team and its strategic project (see the webpage of CMAT at <http://www.cmat.uminho>).

** Different R&D Units are included, even if located in the same Organic Unit (UOEI) of UMinho (no. 4 and 5 of article 7 of the FCT I.P Research Grant Regulation, in force)

***Documents proving the ownership of academic degrees and diplomas, or their respective recognition when they have been awarded by foreign higher education institutions, when applicable for the type of scholarship in the call for applications, may be waived at the application stage, being replaced by declaration of honor of the candidate, with the verification of this condition occurring only in the phase of contracting the scholarship. This statement must attest facts that occurred on a date prior to the application. In situations of divergence between the information contained in the declaration and the documentation submitted for the purpose of contracting the grant, only the information contained in the latter will be considered. If it is verified that the documents proving the ownership of the academic degree and diploma, or the respective recognition under the terms of Decree-Law No. 66/2018, of August 16, do not correspond to the classifications awarded in the evaluation of the academic path and may, consequently, change the candidate's ranking, the fellowship contracting will not be done.

Applicants eligibility: Applicants must comply with the eligibility conditions laid down in article 9º of the Research Grants Regulation of the Portuguese Foundation for Science and Technology (2019).

Workplan and objectives to be achieved: The work plan (at most with two A4 pages) should include the following items: (a) Title; (b) General description of the activity to be carried out; (c) Concise schedule; (d) Expected results and indicators.

- The research plan to be carried out during the period of the contract should be considered appropriate for the scientific activity developed at CMAT and should emphasize the adequacy to the CMAT team and its strategic project;
- The candidate should declare, in the work plan, to be receptive to advise Master students and to collaborate on projects with other R&D Units, as well as with Industry and other non-academic entities.
- The Researcher hired for this position will be integrated in one of the CMAT research groups, according to his/her scientific interests and the research plan presented in this call. The research activity should be carried out in one of the domains developed in CMAT, in collaboration with the CMAT members, in particular with those of the group in which the Researcher will be integrated. The Researcher should actively participate in the activities of both the group and the CMAT itself, including meetings, seminars and organization of events.

Applicable legislation and regulations: Research Fellowship Holder Statutes, approved by Law no. 40/2004 of August 18, in its current version published by Decree-Law no. 123/2019 of August 28; Regulation of Scientific Research Fellowships of the University of Minho (RBIC), published in “Diário da República”, 2nd series, no. 119, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021 and Regulation of Research Studentships and Fellowships (RBI) of the Foundation for Science and Technology, I.P. - in force.

Host/Contracting institution and scientific supervision: The workplan will be carried out in Centre of Mathematics of University of Minho, located in Campus de Gualtar or Campus de Azurém, under the scientific supervision of a CMAT member to be defined on the basis of the research plan presented by the candidate.

Fellowship duration: The grant will take place for a period of 12 months, with a provisional starting date on June of 2022. The fellowship grant may eventually be renewed, after a positive evaluation, and may not exceed the maximum duration of the project, which is expected to end on December 31, 2023 and the maximum duration of the grant.

Amount of the research grant: The value stipend (Monthly Maintenance Allowance) is 1646 euros, per month, in accordance with the stipends values published by the Foundation for Science and Technology (FCT I.P.) in the country (Annex I – Monthly Stipends Values for the maintenance allowances of the [FCT Regulation for Research Studentships and Fellowships](#)) and Annex II of the Regulation of Scientific Research Fellowships of the University of Minho (RBIC), published in “Diário da República”, 2nd series, no. 119, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021, according to the applicable regulation.

Payment is made on the 23rd of each month, through bank transfer to the Bank Identification Number of the fellow identified in the contractualization process.

Other benefits: Reimbursement of Voluntary Social Security (Social Security contributions), corresponding to the 1st level of discounts (*for research grants with a total duration 6 months or higher*) and personal accident insurance.

Exclusivity regime: The grantee will perform the activities under exclusivity, as foreseen in article 5^o of the Research Fellow Statutes and applicable regulations.

Selection panel:

President: Maria Irene Ferrão de Carvalho Ribeiro Almeida Falcão, Associate Professor at the Department of Mathematics, member of CMAT, University of Minho

Effective Member: Wolfram Erlhagen, Associate Professor at the Department of Mathematics, member of CMAT, University of Minho

Effective Member: Regina de Almeida, Assistant Professor at the Department of Mathematics, member of CMAT, University of Trás-os-Montes e Alto Douro

Substitute Member: José Luís dos Santos Cardoso, Associate Professor at the Department of Mathematics, member of CMAT, University of Trás-os-Montes e Alto Douro

Substitute Member: Ricardo José Mendes Severino, Assistant Professor at the Department of Mathematics, member of CMAT, University of Minho

The first effective member will substitute the President of the selection panel in case of impediment, being nominate the first substitute member in the place of the first effective member.

Criteria and procedures for applications assessment and selection: The evaluation of the applications is based on the Candidate's Merit, taking into consideration the Curriculum Vitae (CV) and the following documents that the candidate must present: Research Plan; Motivation Letter; two Recommendation Letters. For the evaluation of the Candidate's Merit, the following criteria will be applied, ranked from 1 to 5:

A – Curriculum Vitae, weighted 50%

A1 – Papers published in peer review journals, weighted 50%

A2 – Conference presentations, weighted 20%

A3 – Participation in research projects, weighted 20%

A4 – Other elements relevant to the evaluation of the Curriculum Vitae, such as scientific recognition awards, scientific dissemination activities with impact on the community, student supervision, weighted 10%

B – Research Plan, weighted 40%

B1 – Relevance to the CMAT activity, weighted 80%

B3 – Feasibility of the work plan, weighted 10%

B4 – Perspicuity and structure of the work plan, weighted 10%

C – Motivation Letter and Recommendation Letters, weighted 10%

Candidates are ranked according to the Final Classification obtained by averaging the above Criteria A, B and C, through the following formula

$$CF = 0,5A + 0,4B + 0,1C.$$

The academic degrees and diplomas documents, or their respective recognition when awarded by foreign higher education institutions are not mandatory in the application phase, being replaced by a declaration of honour of the candidate with the contents of academic results. The documents of academic qualification or respective recognition will be required in the contracting phase and must attest facts that occurred on a date prior to the application. In situations of divergence between the information contained in the declaration and the documentation submitted for contracting the grant, only the information contained in the latter will be consider. If the documents proving the ownership of the academic degree and diploma, or the respective recognition under the terms of Decree-Law No. 66/2018, of August 16, do not correspond to the classifications awarded in the evaluation of the academic path, which can change the candidate's ranking, the fellowship won't be contracted.

Disclosure of results: The provisional results of applications, based in the selection panel minutes, will be send to the applicants by email until 90 working days from the applications deadline.

If case of unfavourable results, the candidates have a period of 10 working days to comment, if desired, in a prior hearing to interested parties, pursuant to articles 121 and 122 of the Code of Administrative Procedure (DL no. 4 / 2015 of January 7th).

Complaint and appeal procedures: The final results of the evaluation will be published through an ordered by final grade obtained, posted in a visible and public place of the host Unit, as well as by email to all applicants, enclosing for that purpose, the minutes of the jury deliberations.

The selected candidate must inform its willingness to accept the grant, in writing. In case of rejection, the fellowship will be awarded to the next candidate in the ordered list of applicants.

The final decision can be contested within 15 working days, by sending to the President of the jury the corresponding claim. Interested parties may also submit an optional hierarchical appeal, addressed to the Pro-Rector for Research and Projects, Professor Sandra Paiva.

Constitution of a selection reserve list: The applicants ranked in the next positions on the ordered list will be included in a selection reserve list, which can be used until December 31, 2022.

Application deadline and submission: The call for applications is open from the date of publication in Euroaxess portal for a period of 10 working days.

Applications must be formalized, mandatorily, by sending an application letter accompanied by the following documents:

- Curriculum Vitae;
- Certificate of the academic degree or honour declaration (when applicable);
- Research plan as described in item “Workplan and objectives to be achieved”;
- Motivation Letter;
- Recommendation Letters (two) by renowned Professors or Researchers in the Mathematics area, that should be sent directly by them, by email, to candidaturas@cmat.uminho.pt, indicating the reference `CMAT_BIPD_NameSurnameCandidate` in the subject field of the email message;
- Copy of the most relevant papers (maximum three);
- Certificates of attendance in conferences;
- Any other documents that the Candidate considers relevant to the evaluation of the Curriculum Vitae.

Applications must be sent by email to candidaturas@cmat.uminho.pt and bolsas@ecum.uminho.pt, indicating the reference `24/ECUM/CMAT- UIDP/00013/2020` in Subject. Applications submitted by other means will not be accepted.

Fellowship contractualization: The fellowship will be attributed by signing a fellowship contract between the University of Minho and the fellow, accordingly with the contract minute (annex IV of the Regulation of Research Fellowships of the University of Minho (RBIC), published in “Diário da República”, 2nd Série, no. 119, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021, as indicated in 2.4 of the FCT document: “[Rules for Granting and Management of Grants within the scope of R&D projects, including infrastructure projects, the multi-annual financing program for R&D units and other FCT financing instruments \(Version 2021\)](#)”.

The contract may only be concluded after all the documentation required is collected, which must take place within a maximum period of 6 months.

Once all the documentation has been received, the contracting entity has a period of 60 working days to conclude the scholarship contract. Once received, the fellow must return the contract duly signed within 15 working days.

The activities under the fellowship contract can only begin after proper authorization by the contracting entity.

Term and cancellation of fellowship contracts: Without prejudice to the other causes provided the fellowship regulations (FCT and UMinho) and in the Statute of the Research Fellow, the fellowship ends with the completion of the work plan, as well as with the expiration date for which it was granted or renewed.

At the end of the fellowship, the grantee is obliged to present a Final Report of the work carried out, in accordance with the objectives and evaluation criteria defined with the scientific advisor, within 30 days after the end of the scholarship.

The **final report** must be prepared in accordance with Annex I of the Scientific Research Fellowships Regulation of the University of Minho (RBIC), published in “Diário da República”, *2nd Série, no. 119*, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021.