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How do you know?

08/02/2022

004/ECUM/CFUM2022 – GREENCOAT

Where to apply

Application Deadline: 23/02/2022 23:00 - Europe/London

Contact Details

Where to send your application.

COMPANY

Universidade do Minho

E-MAIL

bolsas@ecum.uminho.pt

Hiring/Funding Organisation/Institute

ORGANISATION/COMPANY

Universidade do Minho

COUNTRY

Portugal

DEPARTMENT

Escola de Ciências

CITY

Braga

<input type="checkbox"/>	ORGANISATION TYPE Higher Education Institute	STATE/PROVINCE Braga	How do you know?
	WEBSITE https://www.uminho.pt	POSTAL CODE 4710-057	
	E-MAIL centrodefisica@fisica.uminho.pt	STREET Campus de Gualtar	
		PHONE 253601560	

ORGANISATION/COMPANY

Universidade do Minho

LOCATION

Portugal › Braga

RESEARCH FIELDEngineering › Materials engineering
Physics**REFERENCE NUMBER**

POCI-01-0247-FEDER-042785

RESEARCHER PROFILE

First Stage Researcher (R1)

APPLICATION DEADLINE

23/02/2022 23:00 - Europe/London

OFFER DESCRIPTION

ANNOUNCEMENT FOR THE AWARD OF A POST-DOCTORAL RESEARCH FELLOWSHIP

Title: Greencoat - Green Vacuum Coatings – Metalização Ecológica de Plásticos :
Post-Doctoral research Fellowship; 1 vacancy

A call for applications is now open for the attribution of one Post Doctoral grant of within the scope of the R&D project GREENCOAT - Green Vacuum Coatings – Metalização Ecológica de Plásticos within the Physics Center of Minho University (POCI-01-0247-FEDER-042785), financed by national funds through (entity financing entity) or co-financed by (financing entity), through the Operational Program Programa Operacional Competitividade e Internacionalização (POCI) do PORTUGAL by Agência Nacional de Inovação under the following conditions:

Scientific Area: Materials Science and Technology

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Recipient category: The BIPD are intended for doctorates in the area of Physics or Materials Science, 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 Center of Physics of the University of Minho;

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: The grant is for PhD holders in the scientific area of Physics and/or Materials Science or similar scientific areas

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

Workplan and objectives to be achieved: The grant holders must integrate into the project GREENCOAT, which aims for the deposition of decorative coatings, preferentially deposited by sputtering or similar techniques. These coatings should also have functional properties like abrasion resistance, corrosion resistance. The work, to be done until August 2022 or in case of project prolongation until March 2023 includes the deposition and characterization of the coatings.

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 the Physics Center of the University of Minho, located in Azurém, Guimarães under the scientific supervision of Professor Martin Andritschky.

Fellowship duration: The grant will take place for a period of 6 months, with a provisional starting date in March of 2022. The fellowship grant may eventually be renewed up to September 2023 in case of approved project extension and relevant legislation.

Amount of the research grant: The value stipend (Monthly Maintenance Allowance) is 1686 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 23st of each month, through bank transfer to the Bank Identification Number of the fellow identified in the contractualization process.

Other components of the research grant: (define the other components of the research grants, in accordance with the no. 5 of the article 18º of the FCT Regulation for Research Studentships and Fellowships, no. 950/2019 of 16-12-2019 or article 21º of the Regulation of Research Fellowships of the University of Minho (RBIC), accordingly with the regulations applicable).

Other benefits: Reimbursement of Voluntary Social Security (Social Security contributions), corresponding to the 1st level of discounts and personal accident insurance.

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

Selection panel:

Martin Andritschky, Professor, Department of Physics, School of Sciences, University of Minho (President of the Jury);

Luís António Carvalho Gachineiro da Cunha, Assistant Professor, Department of Physics, School of Sciences, University of Minho (Effective Member);

Aníbal Silveira Alves Marques, Assistant Professor, Department of Physics, School of Sciences, University of Minho (Effective Member);

João Pedro Santos Hall Agorreta Alpuim, Assistant Professor, Department of Physics, School of Sciences, University of Minho (Alternate Member);

Joaquim Alexandre Santos Almeida Oliveira Carneiro, Assistant Professor, Department of Physics, School of Sciences, University of Minho (Alternate Member).

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 applications assessment will focus on the candidate's Merit, following evaluation criteria, valued on a scale of 1 to 20 values:

Applicant Merit - MC (100%):

1. Criteria A – academic curriculum (total weight 60%;
 1. Sub-criteria A1 – undergraduate course – weight 20%
 2. Sub-criteria A2 – master degree course 20%
 3. Sub-criteria A3 – Closeness of the PhD work to the project – weight 30%
 4. Sub-criteria A4 – classifications of undergraduate and master degree - weight 30%

2. criteria B – Research experience (total weight 40%;
 1. Sub-criteria B1 – Publications in journals with revision- weight 50%
 2. Sub-criteria B2 – Participation in scientific projects - weight 25%
 3. Sub-criteria B3 – Presentations at conference weight 25%

The candidate's final classification (MC) of candidate's merit will be obtained by

applying the following formula:

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$$MC = ((A1 \times 4 \times 0.2) + (A2 \times 4 \times 0.2) + (A3 \times 0.3) + (A4 \times 0.3)) \times 0.6 + ((B1 \times 0.5) + (B2 \times 0.25) + (B3 \times 0.25)) \times 0.4$$

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 considered. 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 sent 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 list (alphabetically, 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 Doctor Sandra Cristina Almeida 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 31.07.2023.

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 honor 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 considered. 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.

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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 Filipe Vaz.

Application deadline and submission: The call for applications is open for 10 working days from the date of publication of the announcement on the Euraxess portal.

Applications must be formalized, mandatorily, by sending an application letter accompanied by the following documents: curriculum vitae; certificate of qualifications or declaration of the candidate (if applicable); other documents considered relevant to the assessment of the scientific and professional path.

Applications must be sent by email to bolsas@ecum.uminho.pt, indicating the reference 004/ECUM/CFUM2022 - GREENCOAT of the call for applications 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 including evidences of doctoral degree or its recognition in Portugal, under Decree-law no. 66/2018 of august 16th.

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 began 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.

More Information

ADDITIONAL INFORMATION

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How do you know?

Benefits

Please you can find the information in the Offer Description section

Eligibility criteria

Please you can find the information in the Offer Description section

Selection process

Please you can find the information in the Offer Description section

Web site for additional job details

<https://www.ecum.uminho.pt/pt/Investigacao/Paginas/Emprego-Cientifico.aspx>

REQUIREMENTS

Offer Requirements

Skills/Qualifications

Please you can find the information in the Offer Description section

Specific Requirements

Please you can find the information in the Offer Description section

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Map Information



Job Work Location



Personal Assistance locations

WORK LOCATION(S)

1 position(s) available at
Universidade do Minho
Portugal
Braga
Braga
4710-057
Campus de Gualtar

EURAXESS offer ID: 740373

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